

Reserve

LIME USED ANNUALLY BY NORTHEAST REGION

TONS

2400000

2100000

1800000

1500000

1200000

900000

600000

300000

1929

1930

1931

1932

1933

1934

1935

1936

1937

1938

1939

1940

1941

- 1 PURCHASED COMMERCIALLY
- 2 PURCHASED BY FARMERS
REIMBURSED BY A.A.A.
- 3 FURNISHED BY A.A.A.

*Materials Unit
4/8/43*



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JAN 24 1946

LIME USED ANNUALLY IN NORTHEAST REGION

| | <u>1929</u> | <u>1930</u> | <u>1931</u> | <u>1932</u> | <u>1933</u> | <u>1934</u> | <u>1935</u> |
|-----|----------------|------------------|------------------|------------------|------------------|------------------|-------------|
| (1) | 595,070 | 598,862 | 542,061 | 427,853 | 351,957 | 380,026 | 482,584 |
| | | | | | | | |
| | <u>1936</u> | <u>1937</u> | <u>1938</u> | <u>1939</u> | <u>1940</u> | <u>1941</u> | |
| (1) | 708,187 | 1,184,600 | 1,324,200 | 1,554,390 | 1,877,575 | 2,049,982 | |
| (2) | | | <u>17,076</u> | <u>243,510</u> | <u>557,937</u> | <u>694,910</u> | |
| (3) | | | 1,307,124 | 1,310,860 | 1,319,638 | 1,354,072 | |
| (4) | <u>383,788</u> | <u>1,040,004</u> | <u>1,142,839</u> | <u>1,137,171</u> | <u>1,088,771</u> | <u>1,025,728</u> | |
| (5) | 326,399 | 156,596 | 164,225 | 173,708 | 230,867 | 330,344 | |

- (1) - Total tons of liming material used in the region
 (2) - Tons of liming material furnished by A.A.A.
 (3) - Total tons purchased by farmers
 (4) - Tons for which A.A.A. reimbursed farmers
 (5) - Tons paid for by farmers

FERTILIZER USED ANNUALLY BY NORTHEAST REGION

TONS

600000

400000

200000

000000

800000

600000

400000

200000

1929

1930

1931

1932

1933

1934

1935

1936

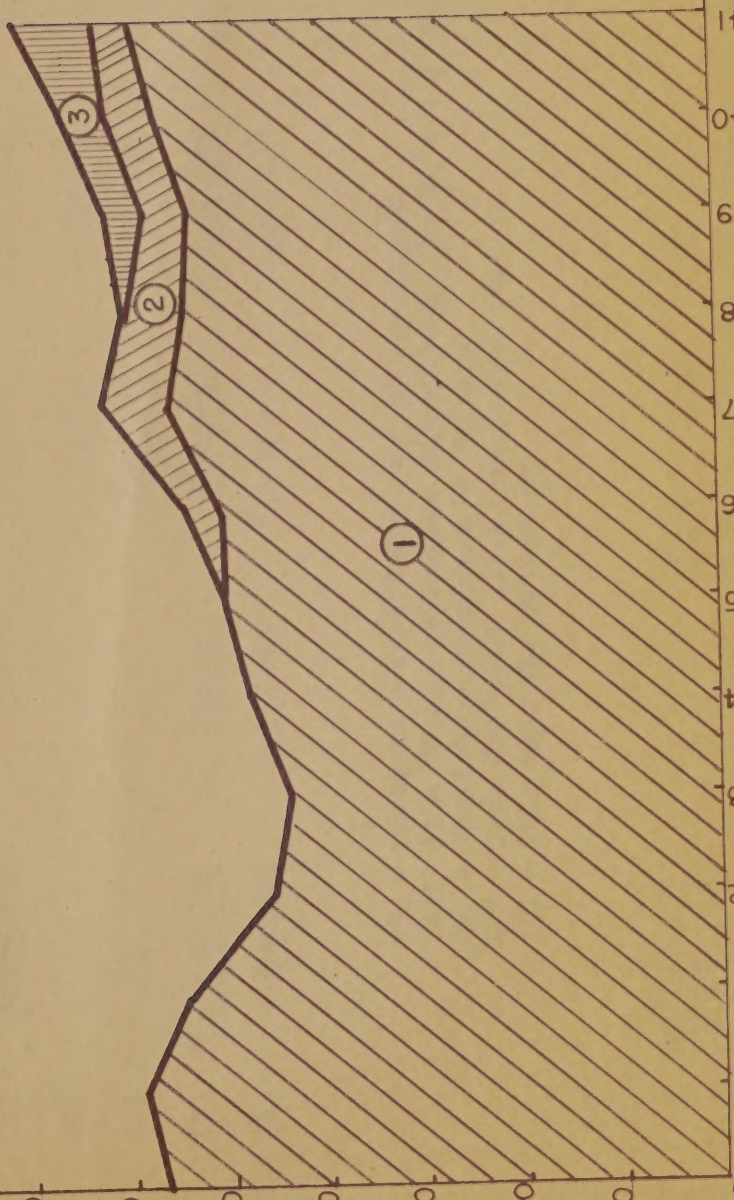
1937

1938

1939

1940

1941



- 1 PURCHASED COMMERCIALLY
- 2 PURCHASED BY FARMERS
REIMBURSED BY A.A.A.
- 3 FURNISHED BY A.A.A.

Materials Unit
4/5/43

TONS FERTILIZER USED ANNUALLY BY FARMERS IN NORTHEAST REGION

| | <u>1929</u> | <u>1930</u> | <u>1931</u> | <u>1932</u> | <u>1933</u> | <u>1934</u> | <u>1935</u> |
|-----|---------------|----------------|----------------|---------------|---------------|----------------|-------------|
| (1) | 1,127,779 | 1,176,795 | 1,080,890 | 912,550 | 875,990 | 963,029 | 1,009,966 |
| | | | | | | | |
| | <u>1936</u> | <u>1937</u> | <u>1938</u> | <u>1939</u> | <u>1940</u> | <u>1941</u> | |
| (1) | 1,084,370 | 1,246,089 | 1,198,834 | 1,226,315 | 1,309,591 | 1,403,391 | |
| (2) | | <u>18,700</u> | | <u>73,000</u> | <u>83,700</u> | <u>152,000</u> | |
| (3) | | 1,180,134 | | 1,153,315 | 1,225,891 | 1,251,391 | |
| (4) | <u>78,124</u> | <u>135,002</u> | <u>104,658</u> | <u>92,193</u> | <u>96,326</u> | <u>74,732</u> | |
| (5) | 1,006,246 | 1,111,087 | 1,075,476 | 1,061,122 | 1,129,565 | 1,176,659 | |

- (1) - Total tons fertilizer used in the Region
 (2) - Tons of superphosphate furnished by A.A.A. - all types converted to 20%
 (3) - Total tons purchased by farmers
 (4) - Tons for which A.A.A. reimbursed farmers
 (5) - Tons paid for by farmers

- (a) - Long term test of tolerance
 (b) - Long term test of tolerance
 (c) - Long term test of tolerance
 (d) - Long term test of tolerance
 (e) - Long term test of tolerance
 (f) - Long term test of tolerance

| | | | | | | |
|-----|-----------|-----------|-----------|-----------|-----------|-----------|
| (a) | 1'000'000 | 1'000'000 | 1'000'000 | 1'000'000 | 1'000'000 | 1'000'000 |
| (b) | 1'000'000 | 1'000'000 | 1'000'000 | 1'000'000 | 1'000'000 | 1'000'000 |
| (c) | 1'000'000 | 1'000'000 | 1'000'000 | 1'000'000 | 1'000'000 | 1'000'000 |
| (d) | 1'000'000 | 1'000'000 | 1'000'000 | 1'000'000 | 1'000'000 | 1'000'000 |
| (e) | 1'000'000 | 1'000'000 | 1'000'000 | 1'000'000 | 1'000'000 | 1'000'000 |
| (f) | 1'000'000 | 1'000'000 | 1'000'000 | 1'000'000 | 1'000'000 | 1'000'000 |
| (g) | 1'000'000 | 1'000'000 | 1'000'000 | 1'000'000 | 1'000'000 | 1'000'000 |
| (h) | 1'000'000 | 1'000'000 | 1'000'000 | 1'000'000 | 1'000'000 | 1'000'000 |
| (i) | 1'000'000 | 1'000'000 | 1'000'000 | 1'000'000 | 1'000'000 | 1'000'000 |
| (j) | 1'000'000 | 1'000'000 | 1'000'000 | 1'000'000 | 1'000'000 | 1'000'000 |

THESE RESULTS ARE SUBJECT TO THE USUAL LIMITATIONS OF THE METHOD

SUPERPHOSPHATE USED ANNUALLY BY

NORTHEAST REGION

TONS

400 000

350 000

300 000

250 000

200 000

150 000

100 000

50 000

1930

1931

1932

1933

1934

1935

1936

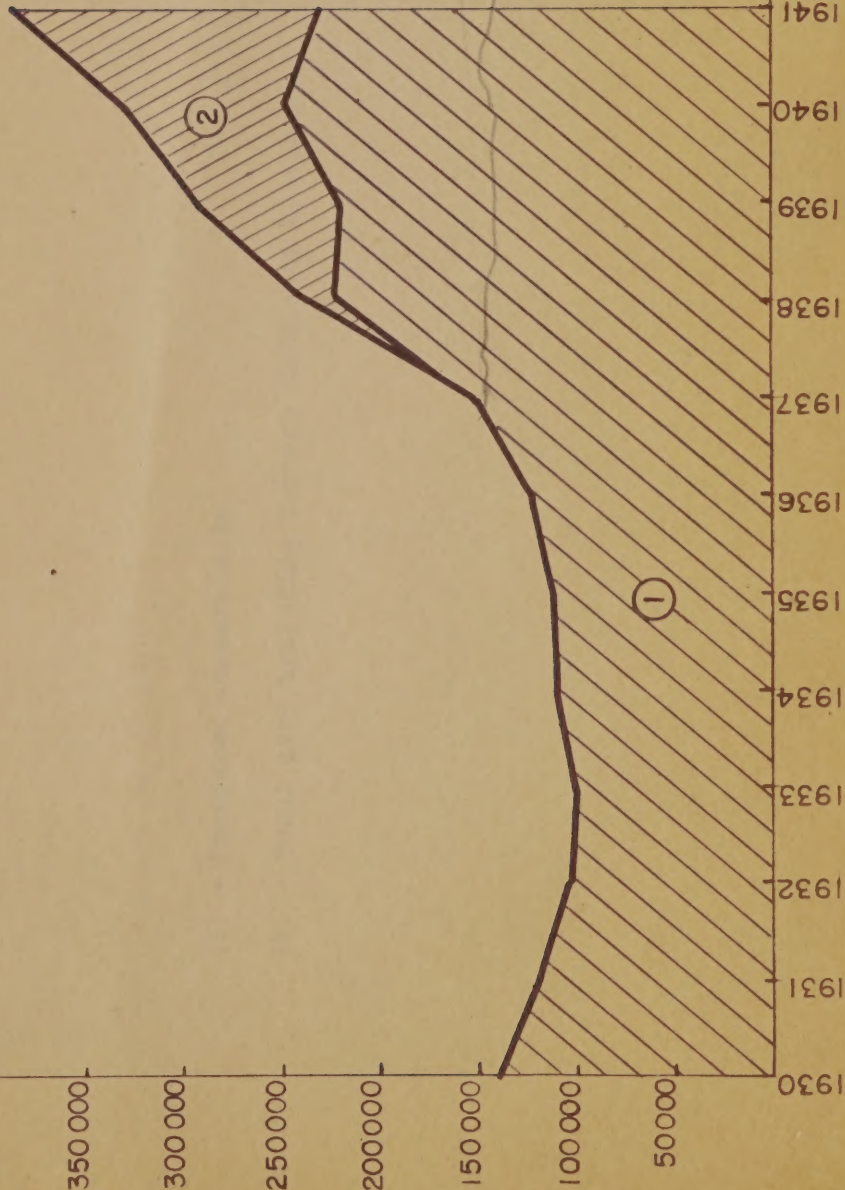
1937

1938

1939

1940

1941



1 PURCHASED COMMERCIALLY
1 + 2 TOTAL USED INCLUDING
TONNAGE FURNISHED BY
A.A.A.

Materials Unit
4/8/43

SUPERPHOSPHATE

NORTHEAST DIVISION

| | <u>1920</u> | <u>1921</u> | <u>1922</u> | <u>1923</u> | <u>1924</u> | <u>1925</u> | <u>1926</u> | <u>1927</u> | <u>1928</u> | <u>1929</u> | <u>1930</u> | <u>1931</u> |
|-----|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| (1) | 127,874 | 118,188 | 100,104 | 100,008 | 111,418 | 112,180 | 138,342 | 183,848 | 211,698 | 220,219 | 244,488 | 253,740 |
| (2) | | | | | | | | | 240,296 | 293,258 | 330,688 | 386,347 |
| | | | | | | | | | | | | 122 |

(1) - Purchased commercially

(2) - Total used including tonnage furnished by A.A.A.

1931

LIME USED ANNUALLY BY MAINE

TONS

70,000

60,000

50,000

40,000

30,000

20,000

10,000

1929

1930

1931

1932

1933

1934

1935

1936

1937

1938

1939

1940

1941

- 1 PURCHASED COMMERCIALLY
- 2 PURCHASED BY FARMERS
REIMBURSED BY AAA.
- 3 FURNISHED BY AAA.

Materials Dept.
#113, 43



STATE OF TEXAS

| | 1929 | 1930 | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 |
|-----|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| (1) | 8,845 | 8,794 | 8,289 | 4,302 | 5,833 | 7,311 | 5,731 | 23,598 | 39,300 | 43,000 | 43,000 | 52,000 |
| (2) | | | | | | | | | | 15,002 | 20,092 | 27,000 |
| (3) | | | | | | | | | | 32,018 | 10,000 | 24,000 |
| (4) | | | | | | | | 14,343 | 37,600 | 21,683 | 11,127 | 10,277 |
| (5) | | | | | | | | 9,250 | 1,610 | 10,000 | 5,101 | 5,101 |

- (1) -- Total tons of liming material used in the state
- (2) -- Tons of liming material furnished by A.A.A.
- (3) -- Total tons purchased by farmers
- (4) -- Tons for which A.A.A. reimbursed farmers
- (5) -- Tons paid for by farmers

FERTILIZER USED ANNUALLY BY MAINE

TONS

200,000

175,000

150,000

125,000

100,000

75,000

50,000

25,000

1929

1930

1931

1932

1933

1934

1935

1936

1937

1938

1939

1940

1941



- 1 PURCHASED COMMERCIALLY.
- 2 PURCHASED BY FARMERS REIMBURSED BY AAA.
- 3 FURNISHED BY AAA.

*Materials Unit
7/13/43*

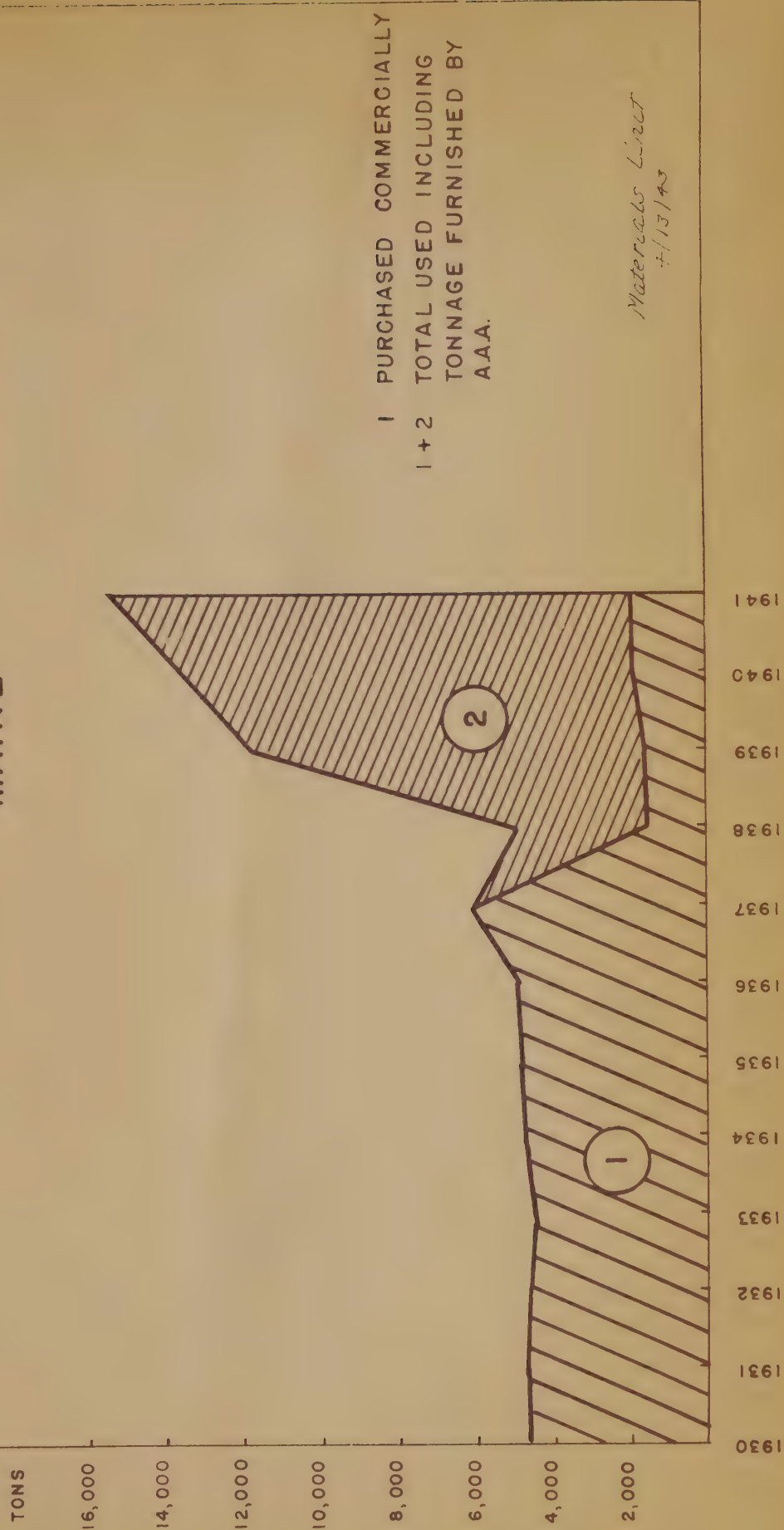
TONS FERTILIZER USED ANNUALLY BY FARMERS

MAINE

| | 1929 | 1930 | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | 1941 |
|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| (1) 148,650 | 148,650 | 148,650 | 148,650 | 148,650 | 148,650 | 148,650 | 148,650 | 148,650 | 148,650 | 148,650 | 148,650 | 148,650 | 148,650 |
| (2) | | | | | | | | | | | | | |
| (3) | | | | | | | | | | | | | |
| (4) | | | | | | | | | | | | | |
| (5) | | | | | | | | | | | | | |

- (1) - Total tons fertilizer used in the state
- (2) - Tons of superphosphate furnished by A.A.A. - All types converted to 2-1
- (3) - Total tons purchased by farmers
- (4) - Tons for which A.A.A. reimbursed farmers
- (5) - Tons paid for by farmers

SUPERPHOSPHATE USED ANNUALLY BY MAINE



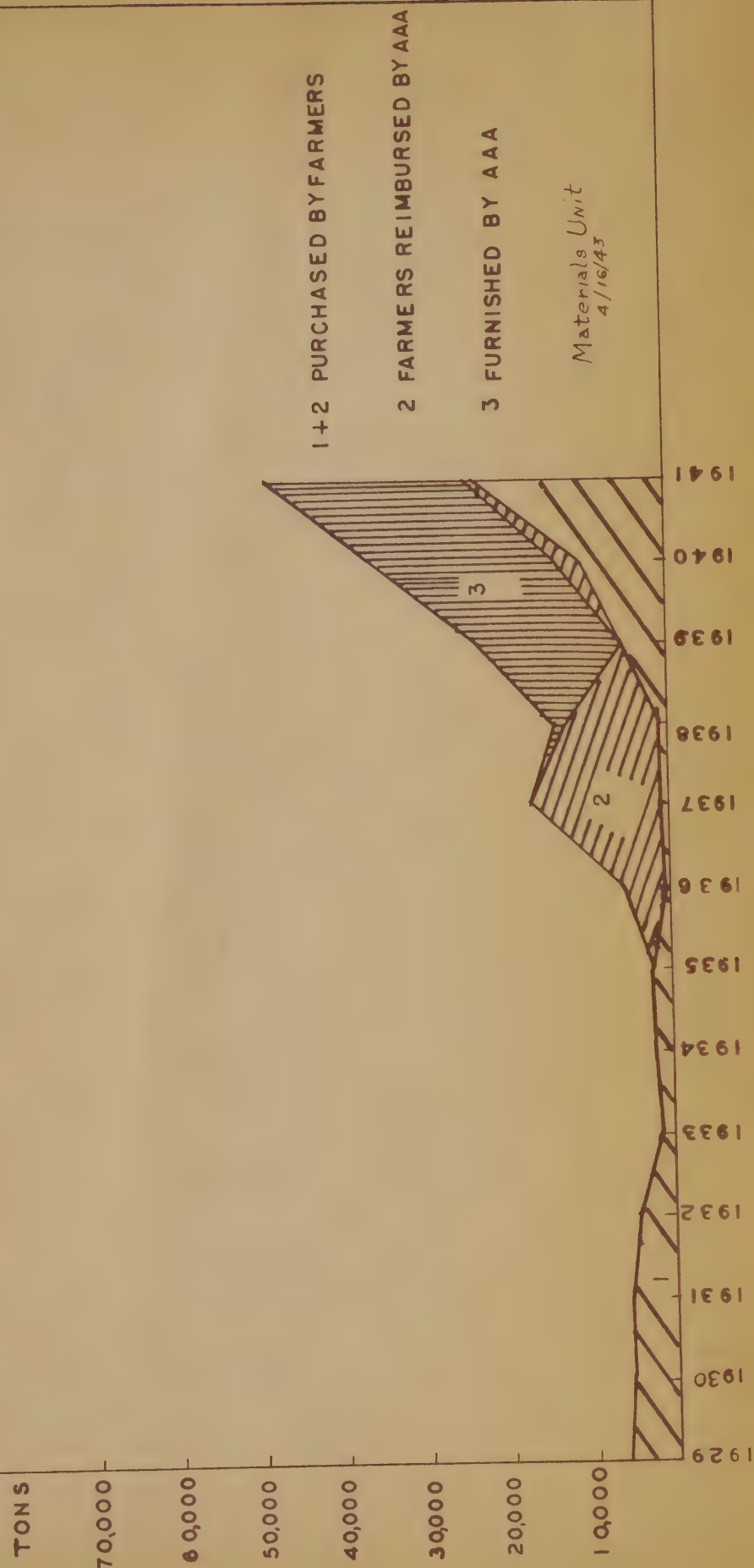
SYNTHETIC DATA - 1930-1941

| | <u>1930</u> | <u>1931</u> | <u>1932</u> | <u>1933</u> | <u>1934</u> | <u>1935</u> | <u>1936</u> | <u>1937</u> | <u>1938</u> | <u>1939</u> | <u>1940</u> | <u>1941</u> |
|-----|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| (1) | 4,600 | 4,600 | 4,500 | 4,400 | 4,300 | 4,200 | 4,100 | 4,000 | 3,900 | 3,800 | 3,700 | 3,600 |
| (2) | | | | | | | | | | | | |

(1) - Purchased synthetically

(2) - Total used including temporary furnished by A.I.A.A.

LIME USED ANNUALLY BY NEW HAMPSHIRE



LINE USED ANNUALLY BY NEW HAMPSHIRE

| | 1930 | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | 1941 |
|-----------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| (1) 5,500 | 5,500 | 5,500 | 4,100 | 1,500 | 2,198 | 2,200 | 5,700 | 16,800 | 15,500 | 22,500 | 25,225 | 24,377 |
| (2) | | | | | | | | | 253 | 15,785 | 22,315 | 24,550 |
| (3) | | | | | | | | | 14,537 | 5,715 | 15,350 | 24,000 |
| (4) | | | | | | | 5,052 | 15,240 | 14,000 | 85 | 1,000 | — |
| (5) | | | | | | | 275 | 531 | 535 | 5,000 | 10,915 | 25,200 |

- (1) - Total tons of liming material used in the state
- (2) - Tons of liming material furnished by A.A.A.
- (3) - Total tons purchased by farmers
- (4) - Tons for other A.A.A. projects and expenses
- (5) - Tons paid for by farmers

FERTILIZER USED ANNUALLY BY NEW HAMPSHIRE

TONS

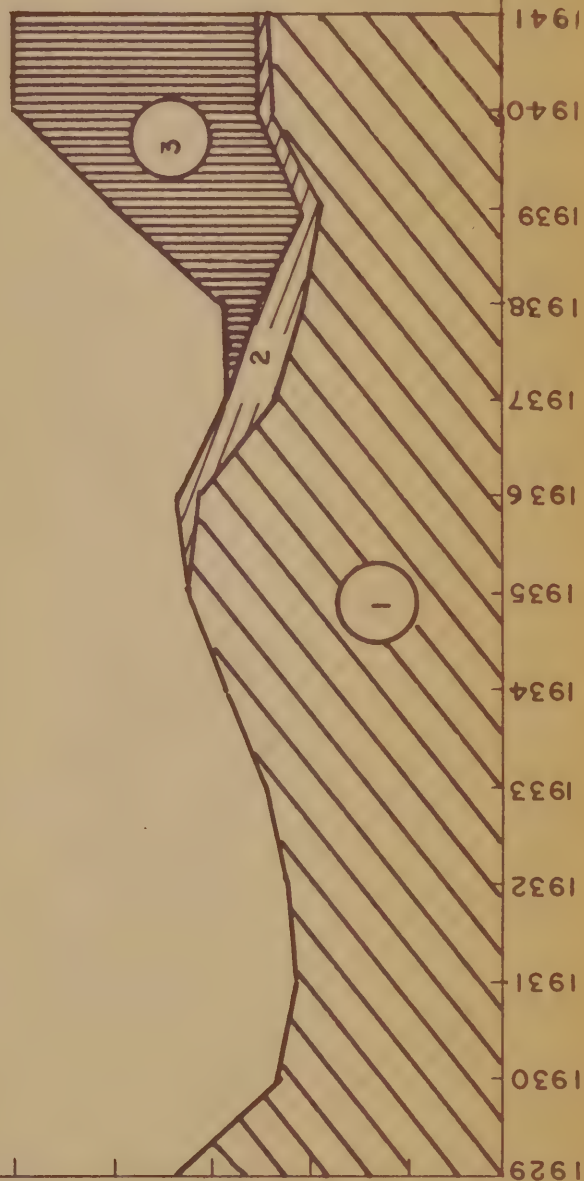
25,000

20,000

15,000

10,000

5,000



1+2 PURCHASED BY FARMERS

2 FARMERS REIMBURSED BY AAA

3 FURNISHED BY AAA (TRIPLE SUPERCONVERTED TO 20%)

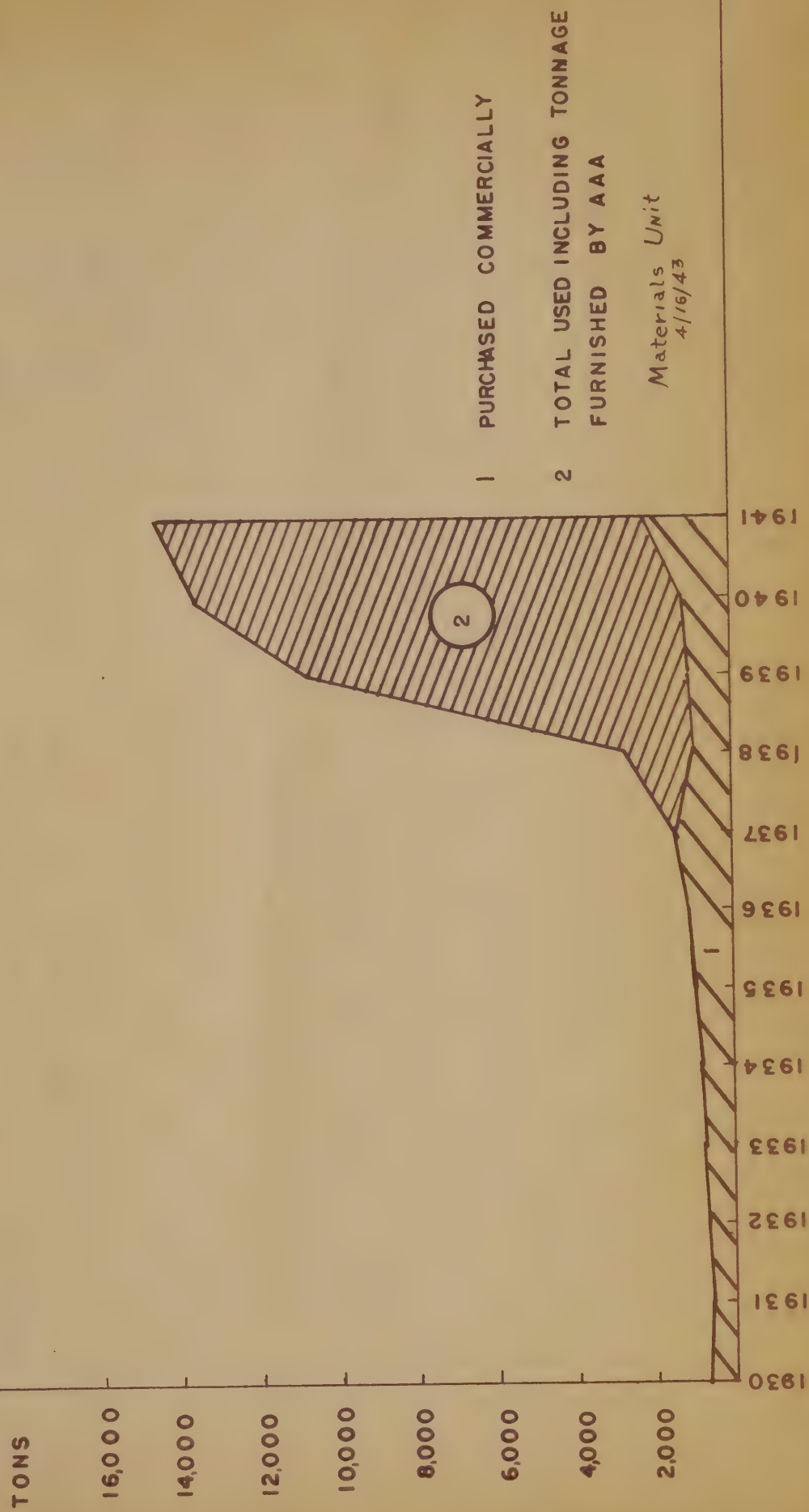
Materials Unit
4/16/43

TONS FERTILIZER USED ANNUALLY BY FARMERS
IN
NEW HAMPSHIRE

| | <u>1929</u> | <u>1930</u> | <u>1931</u> | <u>1932</u> | <u>1933</u> | <u>1934</u> | <u>1935</u> | <u>1936</u> | <u>1937</u> | <u>1938</u> | <u>1939</u> | <u>1940</u> | <u>1941</u> |
|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| (1) 16,900 | 11,500 | 10,500 | 11,000 | 12,000 | 14,000 | 15,000 | 16,500 | 14,000 | 14,000 | 24,800 | 24,800 | 24,800 | 24,800 |
| (2) | | | | | | | 1,800 | 9,600 | 12,800 | 12,800 | 12,800 | 12,800 | 12,800 |
| (3) | | | | | | | | | | | | | |
| (4) | | | | | | | | | | | | | |
| (5) | | | | | | | | | | | | | |
| | | | | | | | 865 | 2,290 | 2,520 | 854 | 844 | 844 | 844 |
| | | | | | | | 15,417 | 11,730 | 9,380 | 9,143 | 11,927 | 12,715 | 12,715 |

- (1) - Total tons fertilizer used in the state
- (2) - Tons of superphosphate furnished by A.A.A. - all types converted to 20%
- (3) - Total tons purchased by farmers
- (4) - Tons for which A.A.A. reimbursed farmers
- (5) - Tons paid for by farmers

SUPERPHOSPHATE USED ANNUALLY BY NEW HAMPSHIRE



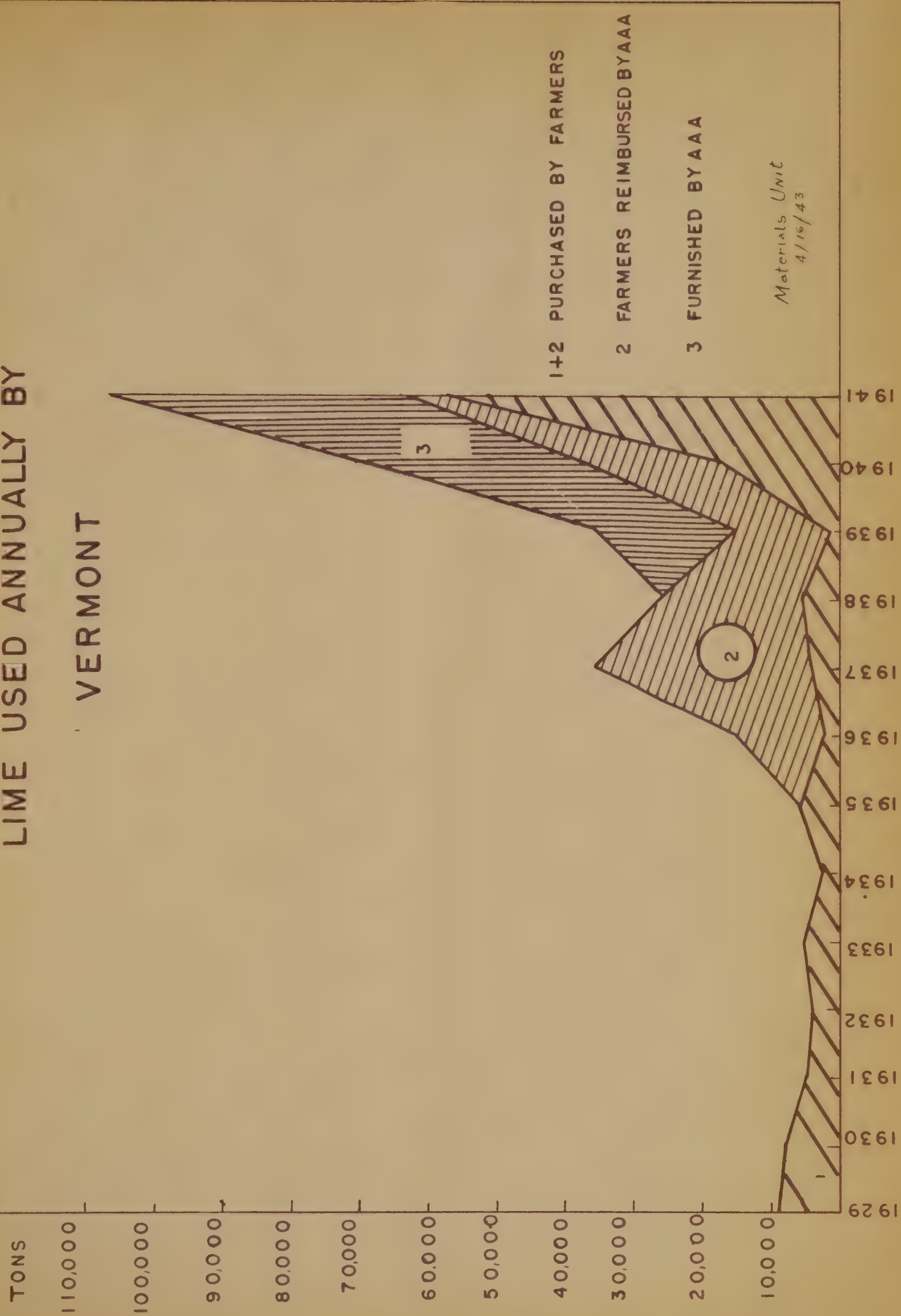
TONS SUPERPHOSPHATE USED ANNUALLY BY FARMERS
IN
NEW HAMPSHIRE

| | <u>1930</u> | <u>1931</u> | <u>1932</u> | <u>1933</u> | <u>1934</u> | <u>1935</u> | <u>1936</u> | <u>1937</u> | <u>1938</u> | <u>1939</u> | <u>1940</u> | <u>1941</u> |
|-----|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| (1) | 700 | 690 | 700 | 710 | 688 | 1,070 | 1,100 | 1,500 | 980 | 1,077 | 1,347 | 2,317 |
| (2) | | | | | | | | | 2,790 | 15,877 | 15,567 | 14,517 |

(1) - Purchased commercially

(2) - Total used including tonnage furnished by A.I.A.A.

LIME USED ANNUALLY BY VERMONT



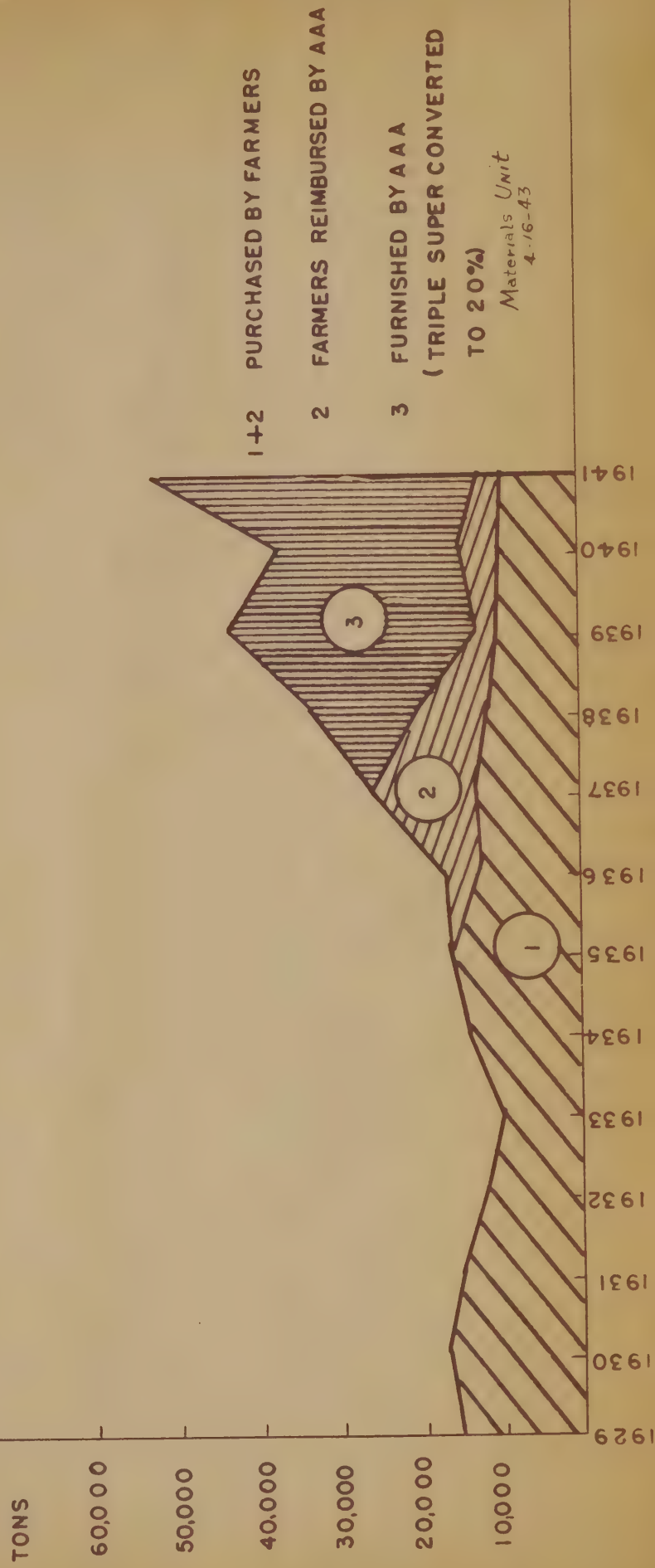
LINE USED ANNUALLY BY FARMERS

in
VERMONT

| | 1929 | 1930 | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | 1941 |
|-----|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|---------|
| (1) | 3,531 | 7,225 | 4,702 | 3,422 | 4,280 | 2,242 | 9,119 | 14,508 | 35,890 | 22,000 | 35,800 | 70,497 | 106,474 |
| (2) | | | | | | | | | | 20,822 | 33,050 | 41,760 | |
| (3) | | | | | | | | | 14,977 | 37,947 | 64,377 | | |
| (4) | | | | | | | | 19,167 | 22,192 | 20,590 | 15,554 | 21,403 | 0,092 |
| (5) | | | | | | | 2,492 | 8,408 | 5,001 | 1,113 | 18,544 | 50,782 | |

- (1) - Total tons of liming material used in the state
- (2) - Tons of liming material furnished by A.A.A.
- (3) - Total tons purchased by farmers
- (4) - Tons for which A.A.A. reimbursed farmers
- (5) - Tons paid for by farmers

FERTILIZER USED ANNUALLY BY VERMONT

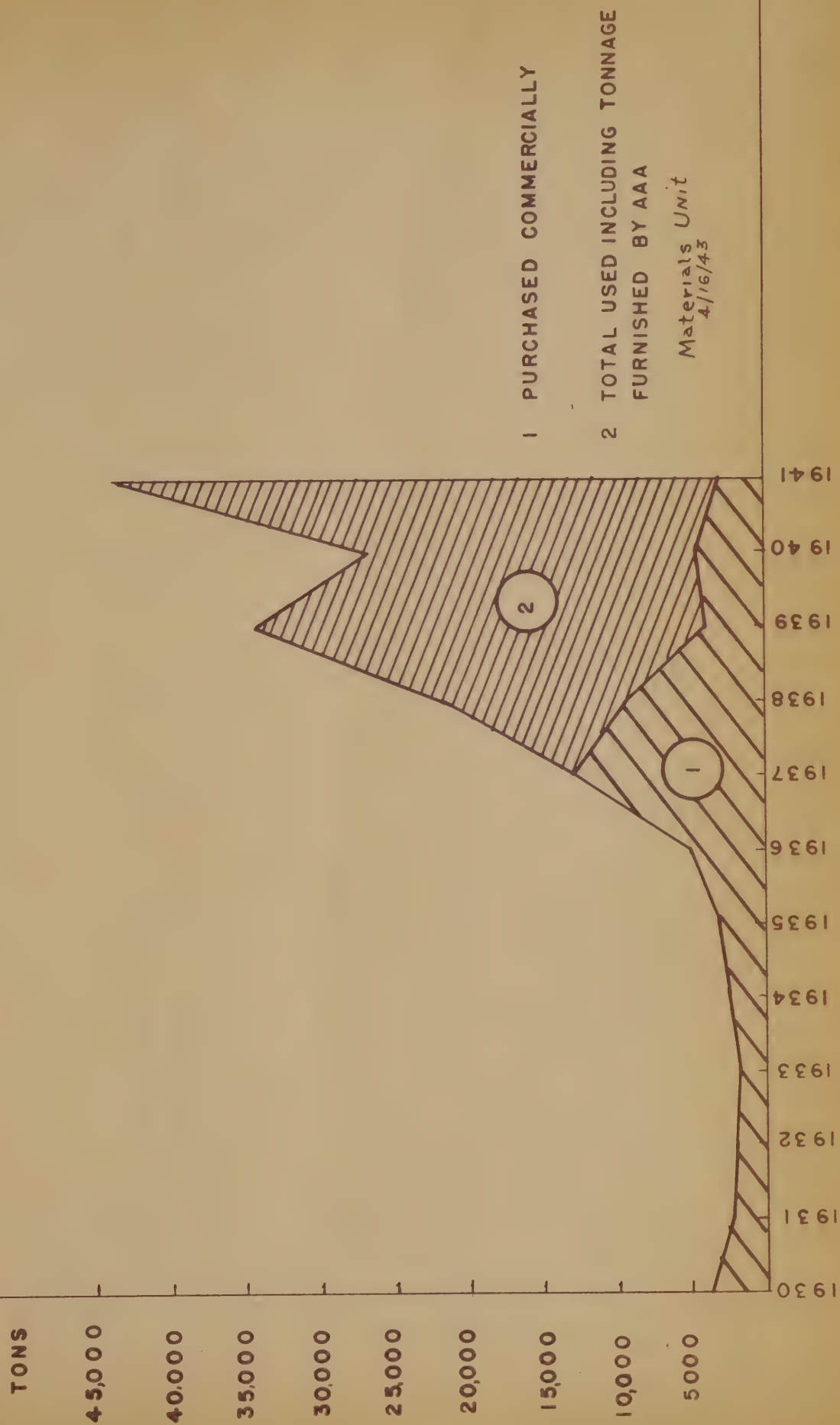


FERTILIZER USED ANNUALLY BY FARMERS
in
Tennessee

| | 1929 | 1930 | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | 1941 |
|---|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| (1) Total tons fertilizer used in the state | 14,905 | 16,069 | 15,031 | 11,767 | 9,520 | 11,047 | 15,735 | 16,437 | 25,260 | 32,267 | 47,154 | 35,935 | 24,444 |
| (2) Tons of superphosphate furnished by A.A.A. - all types converted to 50% | | | | | | | | | | 12,200 | 30,400 | 22,100 | 11,902 |
| (3) Total tons purchased by farmers | | | | | | | | | 20,067 | 20,067 | 12,754 | 14,635 | 12,542 |
| (4) Tons for which A.A.A. reimbursed farmers | | | | | | | | 4,711 | 12,719 | 8,964 | 3,586 | 6,219 | 1,620 |
| (5) Tons paid for by farmers | | | | | | | | 12,710 | 12,441 | 11,103 | 9,168 | 8,416 | 10,922 |

- (1) - Total tons fertilizer used in the state
 (2) - Tons of superphosphate furnished by A.A.A. - all types converted to 50%
 (3) - Total tons purchased by farmers
 (4) - Tons for which A.A.A. reimbursed farmers
 (5) - Tons paid for by farmers

SUPERPHOSPHATE USED ANNUALLY BY VERMONT



SUPERPHOSPHATE USED ANNUALLY BY FARMERS

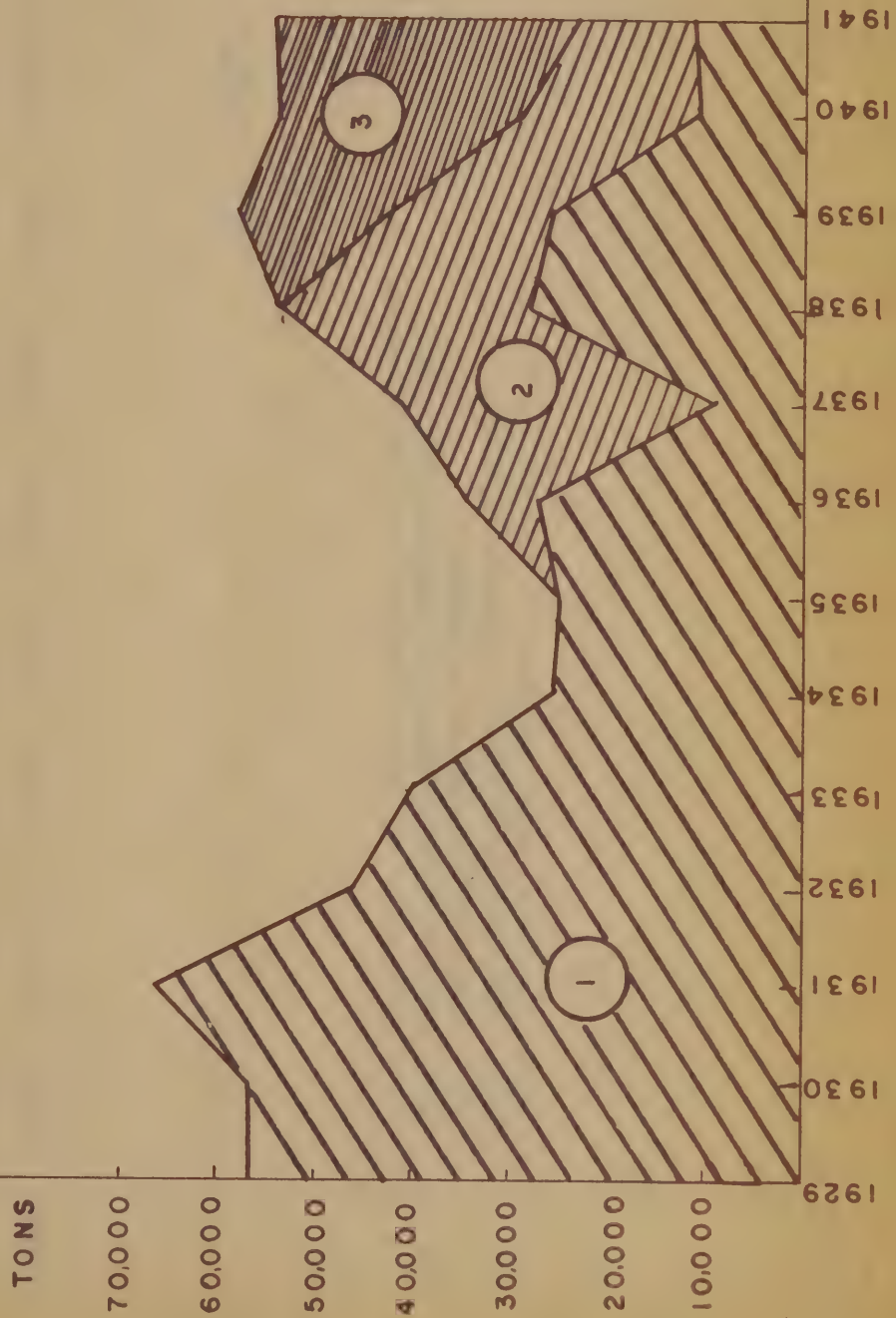
1-
YEARS

| | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 | 1931 |
|-----|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|-------|-------|
| (1) | 3,871 | 2,823 | 1,636 | 1,698 | 2,133 | 5,181 | 4,804 | 13,020 | 9,877 | 3,649 | 4,628 | 2,004 |
| (2) | | | | | | | 21,477 | 24,279 | 26,835 | 46,034 | | |

(1) - Purchased commercially

(2) - Total used including tonnage furnished by A.A.A.

LIME USED ANNUALLY BY MASSACHUSETTS



1-2 PURCHASED BY FARMERS

2 FARMERS REIMBURSED BY AAA

3 FURNISHED BY AAA

Materials Unit
4/16/43

LIME USED ANNUALLY BY FARMERS
in
MASSACHUSETTS

| | <u>1929</u> | <u>1930</u> | <u>1931</u> | <u>1932</u> | <u>1933</u> | <u>1934</u> | <u>1935</u> | <u>1936</u> | <u>1937</u> | <u>1938</u> | <u>1939</u> | <u>1940</u> | <u>1941</u> |
|-----|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|---------------|---------------|---------------|---------------|---------------|
| (1) | 56,336 | 56,336 | 66,000 | 46,009 | 40,433 | 25,902 | 25,220 | 34,612 | 41,000 | 54,000 | 58,000 | 53,550 | 54,440 |
| (2) | | | | | | | | | | | <u>15,425</u> | <u>25,281</u> | <u>31,302</u> |
| (3) | | | | | | | | | | | <u>42,675</u> | <u>28,169</u> | <u>24,158</u> |
| (4) | | | | | | | | <u>7,677</u> | <u>32,190</u> | <u>25,795</u> | <u>16,652</u> | <u>17,612</u> | <u>12,395</u> |
| (5) | | | | | | | | <u>26,935</u> | <u>8,510</u> | <u>28,205</u> | <u>25,723</u> | <u>10,557</u> | <u>10,743</u> |

- (1) - Total tons of lining material used in the state
- (2) - Tons of lining material furnished by A.A.A.
- (3) - Total tons purchased by farmers
- (4) - Tons for which A.A.A. reimbursed farmers
- (5) - Tons paid for by farmers

THE UNIVERSITY OF CHICAGO

LIBRARY

| | | | | | |
|------|------|------|------|------|------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 10 | 11 | 12 | 13 | 14 | 15 |
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| 286 | 287 | 288 | 289 | 290 | 291 |
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| 328 | 329 | 330 | 331 | 332 | 333 |
| 334 | 335 | 336 | 337 | 338 | 339 |
| 340 | 341 | 342 | 343 | 344 | 345 |
| 346 | 347 | 348 | 349 | 350 | 351 |
| 352 | 353 | 354 | 355 | 356 | 357 |
| 358 | 359 | 360 | 361 | 362 | 363 |
| 364 | 365 | 366 | 367 | 368 | 369 |
| 370 | 371 | 372 | 373 | 374 | 375 |
| 376 | 377 | 378 | 379 | 380 | 381 |
| 382 | 383 | 384 | 385 | 386 | 387 |
| 388 | 389 | 390 | 391 | 392 | 393 |
| 394 | 395 | 396 | 397 | 398 | 399 |
| 400 | 401 | 402 | 403 | 404 | 405 |
| 406 | 407 | 408 | 409 | 410 | 411 |
| 412 | 413 | 414 | 415 | 416 | 417 |
| 418 | 419 | 420 | 421 | 422 | 423 |
| 424 | 425 | 426 | 427 | 428 | 429 |
| 430 | 431 | 432 | 433 | 434 | 435 |
| 436 | 437 | 438 | 439 | 440 | 441 |
| 442 | 443 | 444 | 445 | 446 | 447 |
| 448 | 449 | 450 | 451 | 452 | 453 |
| 454 | 455 | 456 | 457 | 458 | 459 |
| 460 | 461 | 462 | 463 | 464 | 465 |
| 466 | 467 | 468 | 469 | 470 | 471 |
| 472 | 473 | 474 | 475 | 476 | 477 |
| 478 | 479 | 480 | 481 | 482 | 483 |
| 484 | 485 | 486 | 487 | 488 | 489 |
| 490 | 491 | 492 | 493 | 494 | 495 |
| 496 | 497 | 498 | 499 | 500 | 501 |
| 502 | 503 | 504 | 505 | 506 | 507 |
| 508 | 509 | 510 | 511 | 512 | 513 |
| 514 | 515 | 516 | 517 | 518 | 519 |
| 520 | 521 | 522 | 523 | 524 | 525 |
| 526 | 527 | 528 | 529 | 530 | 531 |
| 532 | 533 | 534 | 535 | 536 | 537 |
| 538 | 539 | 540 | 541 | 542 | 543 |
| 544 | 545 | 546 | 547 | 548 | 549 |
| 550 | 551 | 552 | 553 | 554 | 555 |
| 556 | 557 | 558 | 559 | 560 | 561 |
| 562 | 563 | 564 | 565 | 566 | 567 |
| 568 | 569 | 570 | 571 | 572 | 573 |
| 574 | 575 | 576 | 577 | 578 | 579 |
| 580 | 581 | 582 | 583 | 584 | 585 |
| 586 | 587 | 588 | 589 | 590 | 591 |
| 592 | 593 | 594 | 595 | 596 | 597 |
| 598 | 599 | 600 | 601 | 602 | 603 |
| 604 | 605 | 606 | 607 | 608 | 609 |
| 610 | 611 | 612 | 613 | 614 | 615 |
| 616 | 617 | 618 | 619 | 620 | 621 |
| 622 | 623 | 624 | 625 | 626 | 627 |
| 628 | 629 | 630 | 631 | 632 | 633 |
| 634 | 635 | 636 | 637 | 638 | 639 |
| 640 | 641 | 642 | 643 | 644 | 645 |
| 646 | 647 | 648 | 649 | 650 | 651 |
| 652 | 653 | 654 | 655 | 656 | 657 |
| 658 | 659 | 660 | 661 | 662 | 663 |
| 664 | 665 | 666 | 667 | 668 | 669 |
| 670 | 671 | 672 | 673 | 674 | 675 |
| 676 | 677 | 678 | 679 | 680 | 681 |
| 682 | 683 | 684 | 685 | 686 | 687 |
| 688 | 689 | 690 | 691 | 692 | 693 |
| 694 | 695 | 696 | 697 | 698 | 699 |
| 700 | 701 | 702 | 703 | 704 | 705 |
| 706 | 707 | 708 | 709 | 710 | 711 |
| 712 | 713 | 714 | 715 | 716 | 717 |
| 718 | 719 | 720 | 721 | 722 | 723 |
| 724 | 725 | 726 | 727 | 728 | 729 |
| 730 | 731 | 732 | 733 | 734 | 735 |
| 736 | 737 | 738 | 739 | 740 | 741 |
| 742 | 743 | 744 | 745 | 746 | 747 |
| 748 | 749 | 750 | 751 | 752 | 753 |
| 754 | 755 | 756 | 757 | 758 | 759 |
| 760 | 761 | 762 | 763 | 764 | 765 |
| 766 | 767 | 768 | 769 | 770 | 771 |
| 772 | 773 | 774 | 775 | 776 | 777 |
| 778 | 779 | 780 | 781 | 782 | 783 |
| 784 | 785 | 786 | 787 | 788 | 789 |
| 790 | 791 | 792 | 793 | 794 | 795 |
| 796 | 797 | 798 | 799 | 800 | 801 |
| 802 | 803 | 804 | 805 | 806 | 807 |
| 808 | 809 | 810 | 811 | 812 | 813 |
| 814 | 815 | 816 | 817 | 818 | 819 |
| 820 | 821 | 822 | 823 | 824 | 825 |
| 826 | 827 | 828 | 829 | 830 | 831 |
| 832 | 833 | 834 | 835 | 836 | 837 |
| 838 | 839 | 840 | 841 | 842 | 843 |
| 844 | 845 | 846 | 847 | 848 | 849 |
| 850 | 851 | 852 | 853 | 854 | 855 |
| 856 | 857 | 858 | 859 | 860 | 861 |
| 862 | 863 | 864 | 865 | 866 | 867 |
| 868 | 869 | 870 | 871 | 872 | 873 |
| 874 | 875 | 876 | 877 | 878 | 879 |
| 880 | 881 | 882 | 883 | 884 | 885 |
| 886 | 887 | 888 | 889 | 890 | 891 |
| 892 | 893 | 894 | 895 | 896 | 897 |
| 898 | 899 | 900 | 901 | 902 | 903 |
| 904 | 905 | 906 | 907 | 908 | 909 |
| 910 | 911 | 912 | 913 | 914 | 915 |
| 916 | 917 | 918 | 919 | 920 | 921 |
| 922 | 923 | 924 | 925 | 926 | 927 |
| 928 | 929 | 930 | 931 | 932 | 933 |
| 934 | 935 | 936 | 937 | 938 | 939 |
| 940 | 941 | 942 | 943 | 944 | 945 |
| 946 | 947 | 948 | 949 | 950 | 951 |
| 952 | 953 | 954 | 955 | 956 | 957 |
| 958 | 959 | 960 | 961 | 962 | 963 |
| 964 | 965 | 966 | 967 | 968 | 969 |
| 970 | 971 | 972 | 973 | 974 | 975 |
| 976 | 977 | 978 | 979 | 980 | 981 |
| 982 | 983 | 984 | 985 | 986 | 987 |
| 988 | 989 | 990 | 991 | 992 | 993 |
| 994 | 995 | 996 | 997 | 998 | 999 |
| 1000 | 1001 | 1002 | 1003 | 1004 | 1005 |

THE UNIVERSITY OF CHICAGO
LIBRARY
1000

FERTILIZER USED ANNUALLY MASSACHUSETTS

TONS

80,000

70,000

60,000

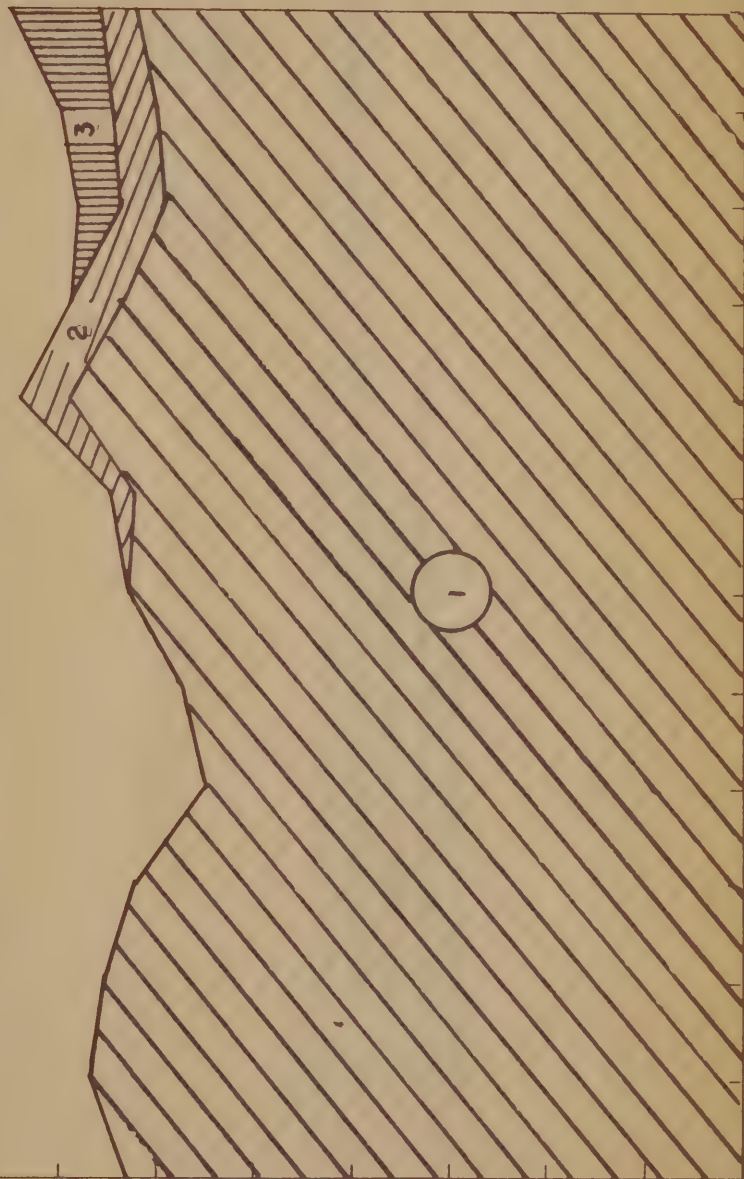
50,000

40,000

30,000

20,000

10,000



1+2 PURCHASED BY FARMERS

2 FARMERS REIMBURSED
BY AAA

3 FURNISHED BY AAA
(TRIPLE SUPECONVERTED
TO 20%)

Materials Unit
4/16/43

1929 1930 1931 1932 1933 1934 1935 1936 1937 1938 1939 1940 1941

FERTILIZER USED ANNUALLY BY FARMERS

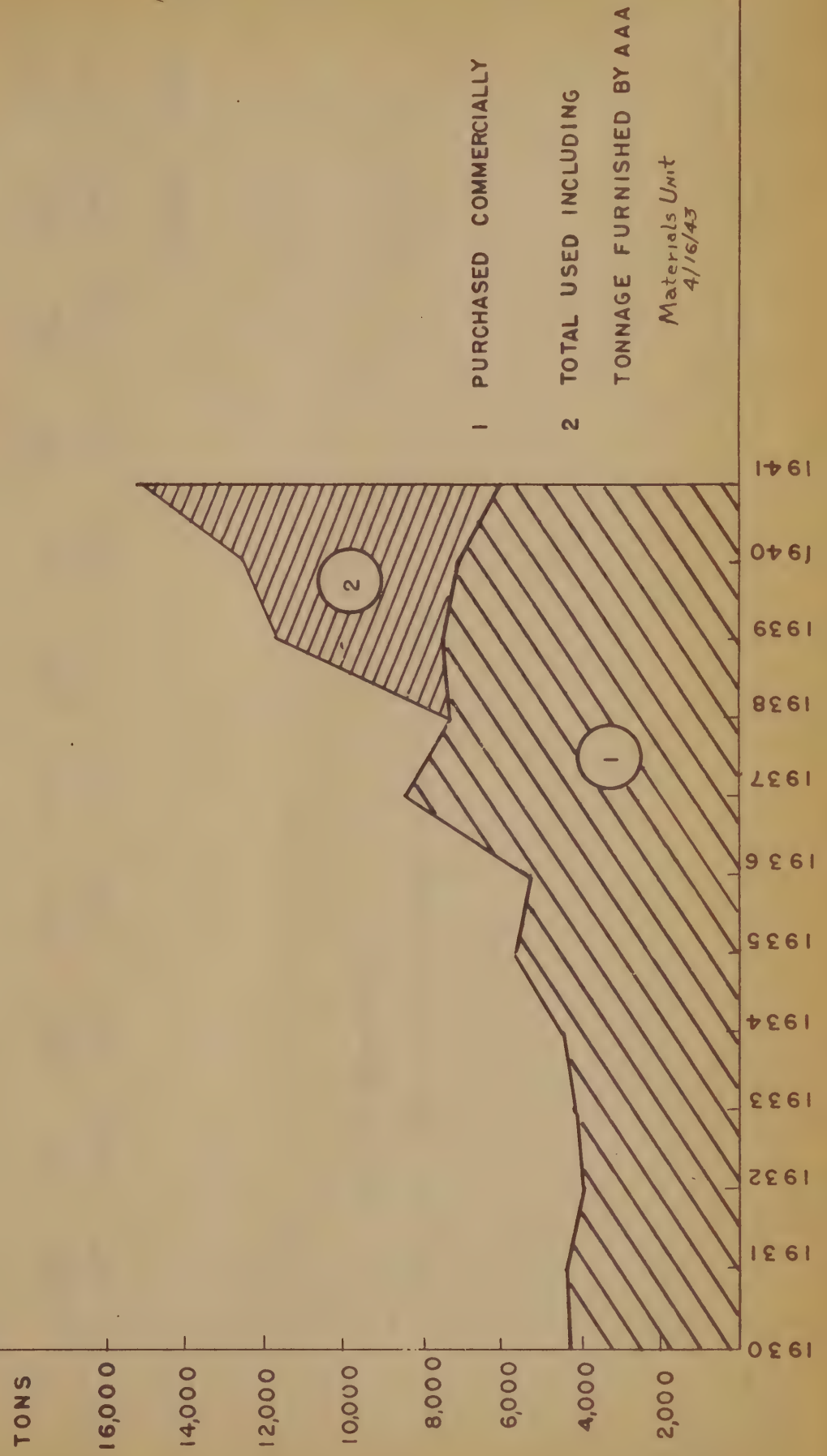
in

1940-1941

| | 1939 | 1940 | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | 1951 |
|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| (1) | 62,491 | 88,821 | 45,008 | 61,983 | 34,770 | 67,442 | 42,000 | 64,411 | 74,274 | 89,178 | 88,574 | 70,398 | 78,497 |
| (2) | | | | | | | | 4,300 | | 5,000 | | | 8,300 |
| (3) | | | | | | | | 68,973 | | 74,178 | | | 86,797 |
| (4) | | | | | | | | | 4,297 | 4,197 | | | 7,197 |
| (5) | | | | | | | | | 89,877 | 89,877 | | | 91,694 |

- (1) - Total tons fertilizer used in the state
- (2) - Tons of superphosphate furnished by A.A.A. - all types converted to 20%
- (3) - Total tons purchased by farmers
- (4) - Tons for which A.A.A. reimbursed farmers
- (5) - Tons paid for by farmers

SUPERPHOSPHATE USED ANNUALLY BY MASSACHUSETTS



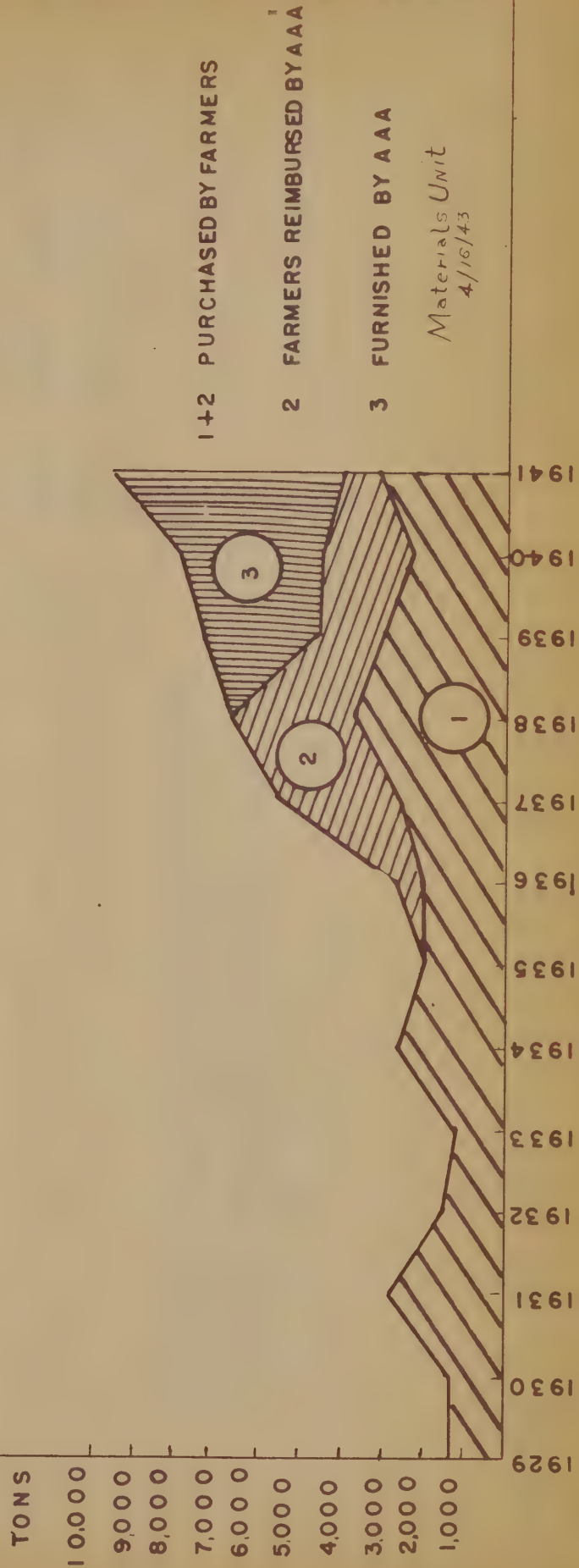
COMMERCE AND INDUSTRY
in
MICHIGAN

| | <u>1940</u> | <u>1941</u> | <u>1942</u> | <u>1943</u> | <u>1944</u> | <u>1945</u> | <u>1946</u> | <u>1947</u> | <u>1948</u> | <u>1949</u> | <u>1950</u> | <u>1951</u> |
|-----|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| (1) | 4,306 | 4,523 | 5,057 | 6,705 | 4,403 | 4,873 | 6,370 | 8,440 | 7,303 | 7,439 | 7,282 | 8,011 |
| (2) | | | | | | | | | | 11,709 | 12,828 | 16,211 |

(1) - Purchased commercially

(2) - Total used including tonnage furnished by A.A.A.

LIME USED ANNUALLY BY RHODE ISLAND



LIME USED ANNUALLY BY FARMERS
in
RHODE ISLAND

| | <u>1929</u> | <u>1930</u> | <u>1931</u> | <u>1932</u> | <u>1933</u> | <u>1934</u> | <u>1935</u> | <u>1936</u> | <u>1937</u> | <u>1938</u> | <u>1939</u> | <u>1940</u> | <u>1941</u> |
|-----|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|
| (1) | 1,278 | 1,278 | 2,812 | 1,350 | 1,127 | 2,544 | 1,935 | 2,690 | 5,500 | 6,700 | 7,390 | 7,989 | 9,721 |
| (2) | | | | | | | | | | | <u>2,765</u> | <u>3,495</u> | <u>5,764</u> |
| (3) | | | | | | | | | | | <u>4,625</u> | <u>4,474</u> | <u>3,957</u> |
| (4) | | | | | | | | <u>590</u> | <u>2,820</u> | <u>3,128</u> | <u>1,694</u> | <u>2,122</u> | <u>845</u> |
| (5) | | | | | | | | 2,100 | 2,680 | 3,572 | 2,931 | 2,352 | 3,112 |

- (1) - Total tons of liming material used in the state
 (2) - Tons of liming material furnished by A.A.A.
 (3) - Total tons purchased by farmers
 (4) - Tons for which A.A.A. reimbursed farmers
 (5) - Tons paid for by farmers

FERTILIZER USED ANNUALLY BY RHODE ISLAND

TONS

14,000

12,000

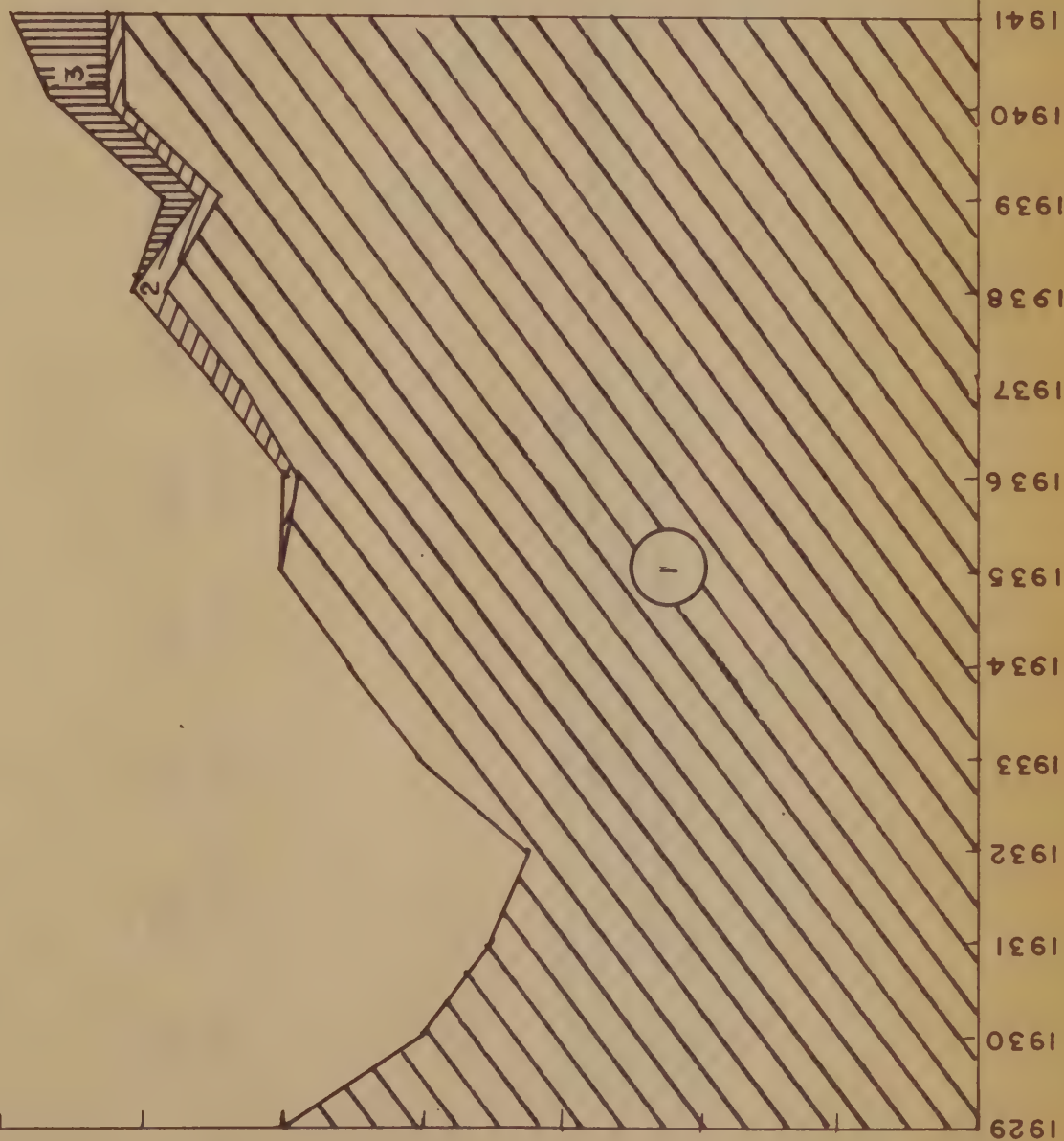
10,000

8,000

6,000

4,000

2,000



1+2 PURCHASED BY FARMERS

2 FARMERS REIMBURSED BY AAA

3 FURNISHED BY AAA
(TRIPLE SUPER CONVERTED
TO 20%)

Materials Unit
4/16/43

FERTILIZER USED ANNUALLY BY FARMERS
in
NIHOUE ISLAND

| | <u>1929</u> | <u>1930</u> | <u>1931</u> | <u>1932</u> | <u>1933</u> | <u>1934</u> | <u>1935</u> | <u>1936</u> | <u>1937</u> | <u>1938</u> | <u>1939</u> | <u>1940</u> | <u>1941</u> |
|-----|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| (1) | 10,100 | 8,000 | 7,000 | 6,500 | 8,000 | 9,000 | 10,000 | 10,000 | 11,000 | 12,200 | 11,500 | 13,500 | 13,500 |
| (2) | | | | | | | | | | | <u>500</u> | <u>800</u> | <u>1,300</u> |
| (3) | | | | | | | | | | 11,000 | 11,000 | 12,500 | 12,500 |
| (4) | | | | | | | <u>174</u> | <u>434</u> | <u>462</u> | <u>285</u> | <u>800</u> | <u>198</u> | |
| (5) | | | | | | | 9,826 | 10,536 | 11,738 | 10,715 | 12,200 | 12,204 | |

- (1) - Total tons fertilizer used in the state
- (2) - Tons of superphosphate furnished by A.A.A. - all types converted to 20%
- (3) - Total tons purchased by farmers
- (4) - Tons for which A.A.A. reimbursed farmers
- (5) - Tons paid for by farmers

SUPERPHOSPHATE USED ANNUALLY BY RHODE ISLAND

TONS

3,500

3,000

2,500

2,000

1,500

1,000

500

1930

1931

1932

1933

1934

1935

1936

1937

1938

1939

1940

1941

1 PURCHASED COMMERCIALY

2 TOTAL USED INCLUDING
TONNAGE FURNISHED BY AAA

Materials Unit
4/16/43



LIME USED ANNUALLY BY CONNECTICUT

TONS

70,000

60,000

50,000

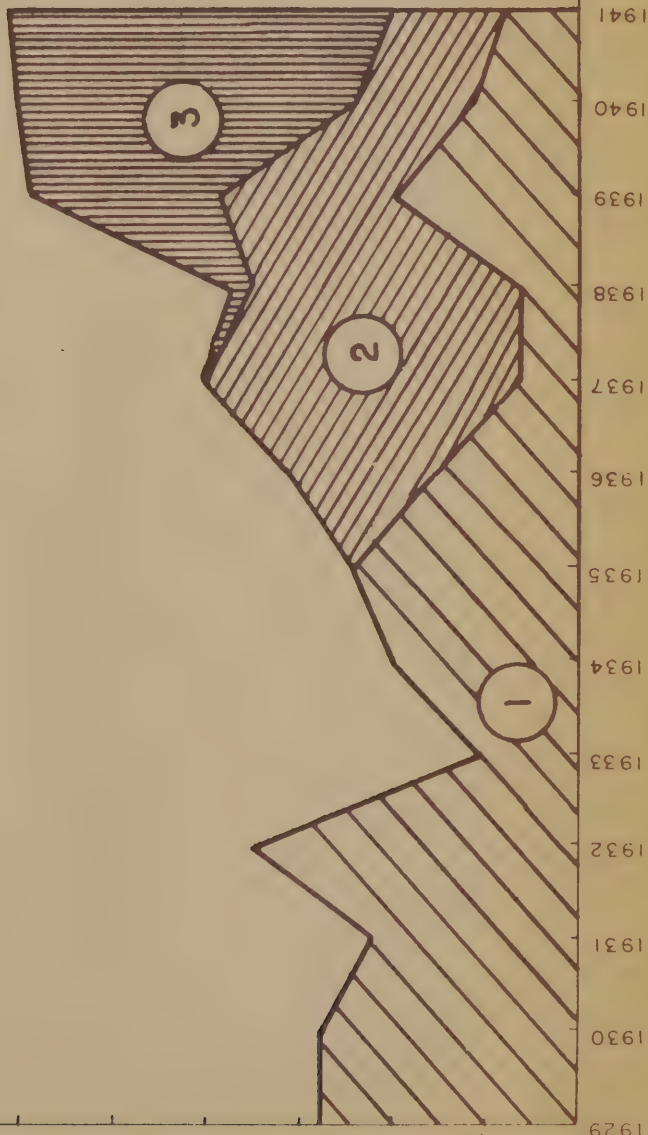
40,000

30,000

20,000

10,000

- 1 PURCHASED COMMERCIALLY
- 2 PURCHASED BY FARMERS REIMBURSED BY AAA.
- 3 FURNISHED BY AAA.



Source: U.S. Bureau of Census
1942

LIME USED ANNUALLY BY CONNECTICUT

| | <u>1929</u> | <u>1930</u> | <u>1931</u> | <u>1932</u> | <u>1933</u> | <u>1934</u> | <u>1935</u> | <u>1936</u> | <u>1937</u> | <u>1938</u> | <u>1939</u> | <u>1940</u> | <u>1941</u> |
|-----|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|---------------|---------------|---------------|
| (1) | 27,500 | 27,500 | 22,000 | 55,000 | 20,000 | 19,320 | 24,061 | 33,375 | 40,250 | 37,000 | 32,700 | 60,344 | 60,344 |
| (2) | | | | | | | | | | <u>2,194</u> | <u>22,844</u> | <u>56,667</u> | <u>4,931</u> |
| (3) | | | | | | | | | | 34,806 | 38,356 | 23,381 | 19,923 |
| (4) | | | | | | | | | | <u>29,243</u> | <u>19,040</u> | <u>12,043</u> | <u>14,022</u> |
| (5) | | | | | | | | | | 5,502 | 19,316 | 10,748 | 7,461 |
| | | | | | | | | | | 15,257 | 5,769 | | |

- (1) - Total tons of liming material used in the state
- (2) - Tons of liming material furnished by A.A.A.
- (3) - Total tons purchased by farmers
- (4) - Tons for which A.A.A. reimbursed farmers
- (5) - Tons paid for by farmers

FERTILIZER USED ANNUALLY BY CONNECTICUT

TONS

70,000

60,000

50,000

40,000

30,000

20,000

10,000



- 1 PURCHASED COMMERCIALLY
- 2 PURCHASED BY FARMERS
REIMBURSED BY AAA.
- 3 FURNISHED BY AAA.

*Materials Unit
4, 13/43*

1929 1930 1931 1932 1933 1934 1935 1936 1937 1938 1939 1940 1941

STATE OF NEW YORK

DEPARTMENT OF AGRICULTURE

| | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| (1) 63,356 | 63,795 | 65,369 | 51,414 | 47,300 | 45,251 | 51,907 | 52,897 | 67,421 | 56,974 | 60,800 | 60,800 | 60,800 | 60,800 | 60,800 | 60,800 | 60,800 |
| (2) | | | | | | | | | | | | | | | | |
| (3) | | | | | | | | | | | | | | | | |
| (4) | | | | | | | | | | | | | | | | |
| (5) | | | | | | | | | | | | | | | | |

- Total tons fertilizer used in the State
- Tons of superphosphate furnished by A.A.A. (all types)
- Total tons purchased by farmers
- Tons for which A.A.A. reimbursed farmers
- Tons paid for by farmers

SUPERPHOSPHATE USED ANNUALLY BY CONNECTICUT

TONS

12,000

10,000

8,000

6,000

4,000

2,000

1 PURCHASED COMMERCIALY

1 + 2 TOTAL USED INCLUDING
TONNAGE FURNISHED BY
A.A.A.

*Materials Unit
4/13/43*



1930

1931

1932

1933

1934

1935

1936

1937

1938

1939

1940

1941

SUPERPHOSPHATE --- CONNECTICUT

| | <u>1940</u> | <u>1941</u> | <u>1942</u> | <u>1943</u> | <u>1944</u> | <u>1945</u> | <u>1946</u> | <u>1947</u> | <u>1948</u> | <u>1949</u> | <u>1950</u> |
|-----|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| (1) | 5,000 | 5,000 | 4,000 | 3,900 | 3,836 | 4,000 | 4,800 | 6,000 | 5,400 | 5,773 | 5,882 |
| (2) | | | | | | | | | 6,100 | 7,523 | 9,600 |

(1) - Purchased commercially

(2) - Total used including tonnage furnished by S.A.A.

LIME USED ANNUALLY BY NEW YORK



- 1 PURCHASED COMMERCIALLY
- 2 PURCHASED BY FARMERS REIMBURSED BY A.A.
- 3 FURNISHED BY A.A.

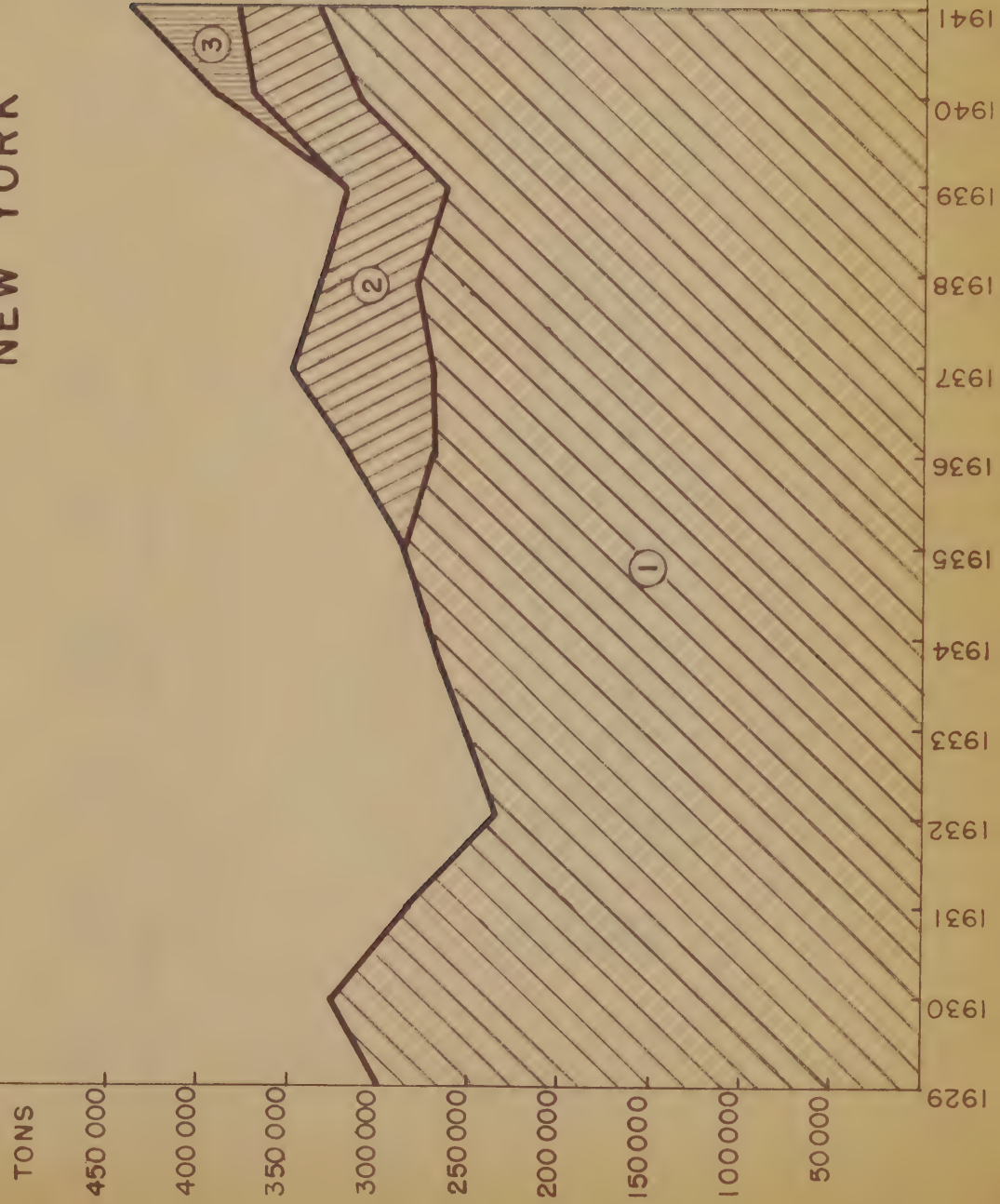
Materials Unit
4/8/43

LIME USED ANNUALLY IN NEW YORK

| | <u>1929</u> | <u>1930</u> | <u>1931</u> | <u>1932</u> | <u>1933</u> | <u>1934</u> | <u>1935</u> | <u>1936</u> | <u>1937</u> | <u>1938</u> | <u>1939</u> | <u>1940</u> | <u>1941</u> |
|-----|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| (1) | 185,000 | 191,660 | 186,800 | 110,922 | 106,070 | 99,115 | 122,371 | 224,796 | 321,000 | 340,000 | 472,000 | 637,905 | 694,277 |
| (2) | | | | | | | | | | | 105,883 | 277,360 | 333,820 |
| (3) | | | | | | | | | | | 368,117 | 360,545 | 360,457 |
| (4) | | | | | | | | 144,357 | 265,829 | 275,530 | 308,566 | 231,315 | 178,227 |
| (5) | | | | | | | | 80,439 | 55,171 | 64,470 | 57,551 | 129,230 | 187,230 |

- (1) - Total tons of liming material used in the state
- (2) - Tons of liming material furnished by A.A.A.
- (3) - Total tons purchased by farmers
- (4) - Tons for which A.A.A. reimbursed farmers
- (5) - Tons paid for by farmers

FERTILIZER USED ANNUALLY BY NEW YORK



- 1 PURCHASED COMMERCIALY
- 2 PURCHASED BY FARMERS REIMBURSED BY A.A.A.
- 3 FURNISHED BY A.A.A.

Materials Unit
4/8/43

TONS OF FERTILIZER USED ANNUALLY BY FARMERS IN NEW YORK

| | <u>1929</u> | <u>1930</u> | <u>1931</u> | <u>1932</u> | <u>1933</u> | <u>1934</u> | <u>1935</u> | <u>1936</u> | <u>1937</u> | <u>1938</u> | <u>1939</u> | <u>1940</u> | <u>1941</u> |
|-----|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|---------------|---------------|---------------|----------------|----------------|
| (1) | 300,000 | 325,000 | 285,000 | 235,000 | 250,000 | 270,000 | 285,000 | 315,000 | 350,000 | 332,881 | 318,992 | 390,911 | 437,519 |
| (2) | | | | | | | | | | | | <u>21,000</u> | <u>57,700</u> |
| (3) | | | | | | | | | | | | <u>369,911</u> | <u>379,819</u> |
| (4) | | | | | | | | <u>46,188</u> | <u>79,554</u> | <u>59,585</u> | <u>57,482</u> | <u>58,462</u> | <u>47,141</u> |
| (5) | | | | | | | | 268,812 | 270,446 | 273,296 | 261,510 | 311,449 | 332,676 |

- (1) - Total tons fertilizer used in the state
- (2) - Tons of superphosphate furnished by A.A.A. - all types converted to 20%
- (3) - Total tons purchased by farmers
- (4) - Tons for which A.A.A. reimbursed farmers
- (5) - Tons paid for by farmers

SUPERPHOSPHATE USED ANNUALLY BY NEW YORK

TONS

200 000

180 000

160 000

140 000

120 000

100 000

80 000

60 000

40 000

20 000

1930

1931

1932

1933

1934

1935

1936

1937

1938

1939

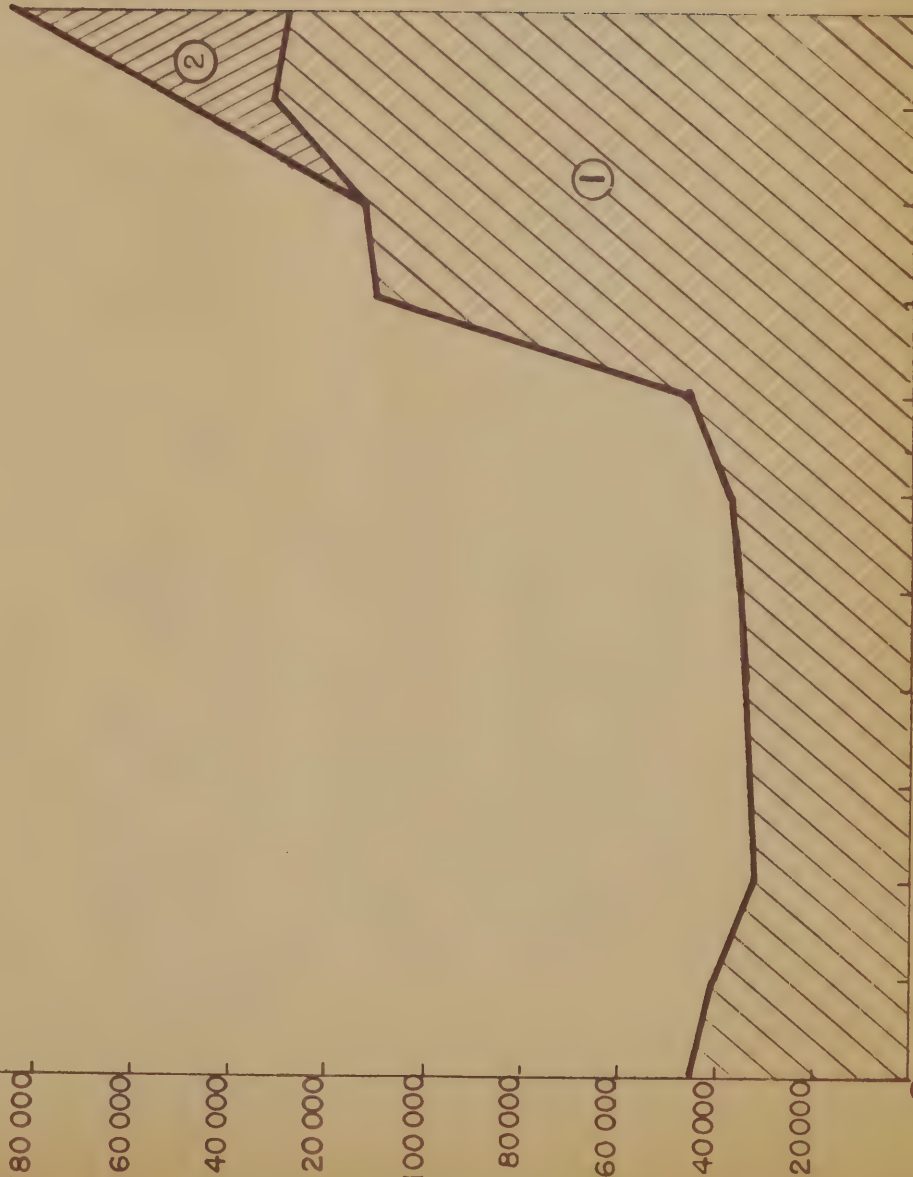
1940

1941

1 PURCHASED COMMERCIALY

1 + 2 TOTAL USED INCLUDING
TONNAGE FURNISHED BY
A.A.A.

Materials Unit
4/8/43



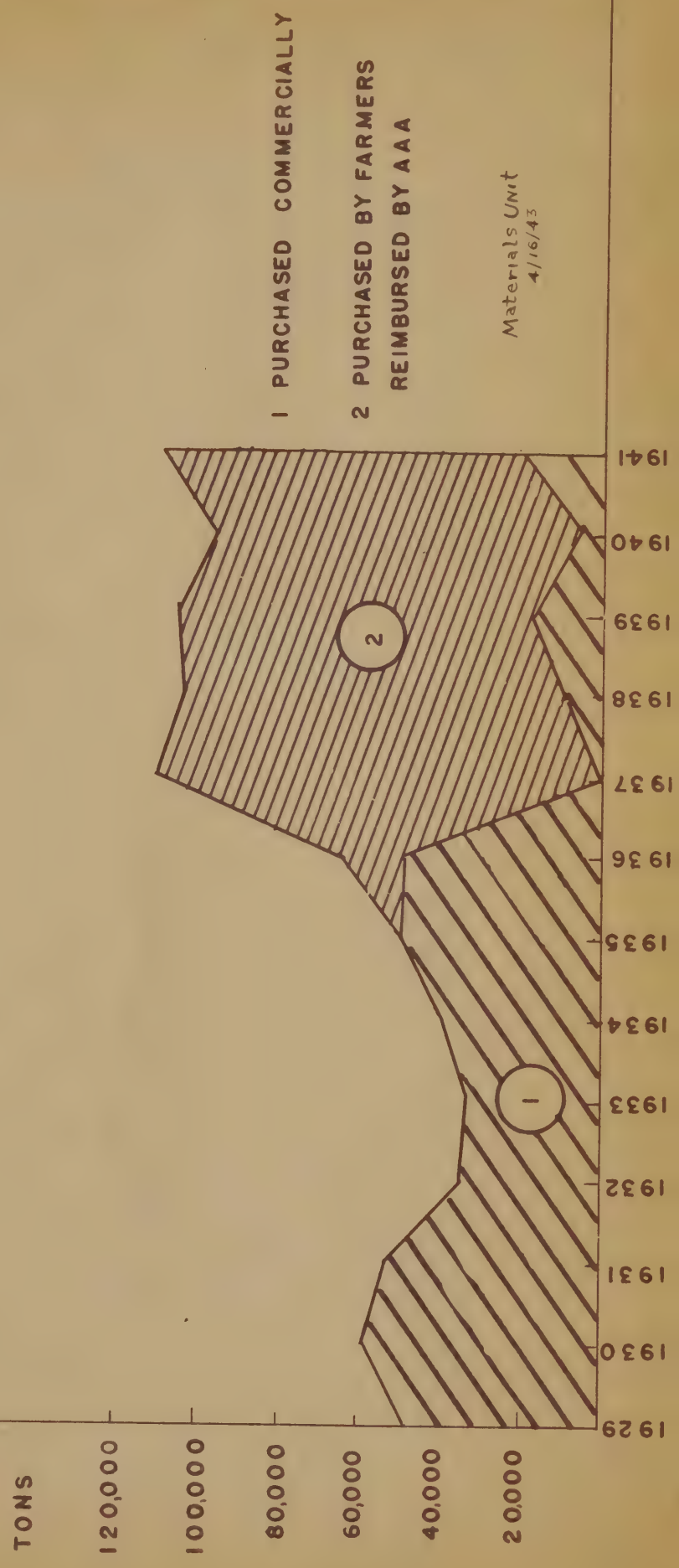
SUPERPHOSPHATE IN NEW YORK

| | 1930 | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | 1941 |
|-----|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| (1) | 45,000 | 40,000 | 32,000 | 33,000 | 34,150 | 35,000 | 37,500 | 46,000 | 110,198 | 112,643 | 131,700 | 139,117 |
| | | | | | | | | | | | 152,700 | 186,817 |

(1) - Purchased commercially

(2) - Total used including tonnage furnished by A.A.A.

LIME USED ANNUALLY BY NEW JERSEY



FERTILIZER USED ANNUALLY BY NEW JERSEY

TONS

200,000

180,000

160,000

140,000

120,000

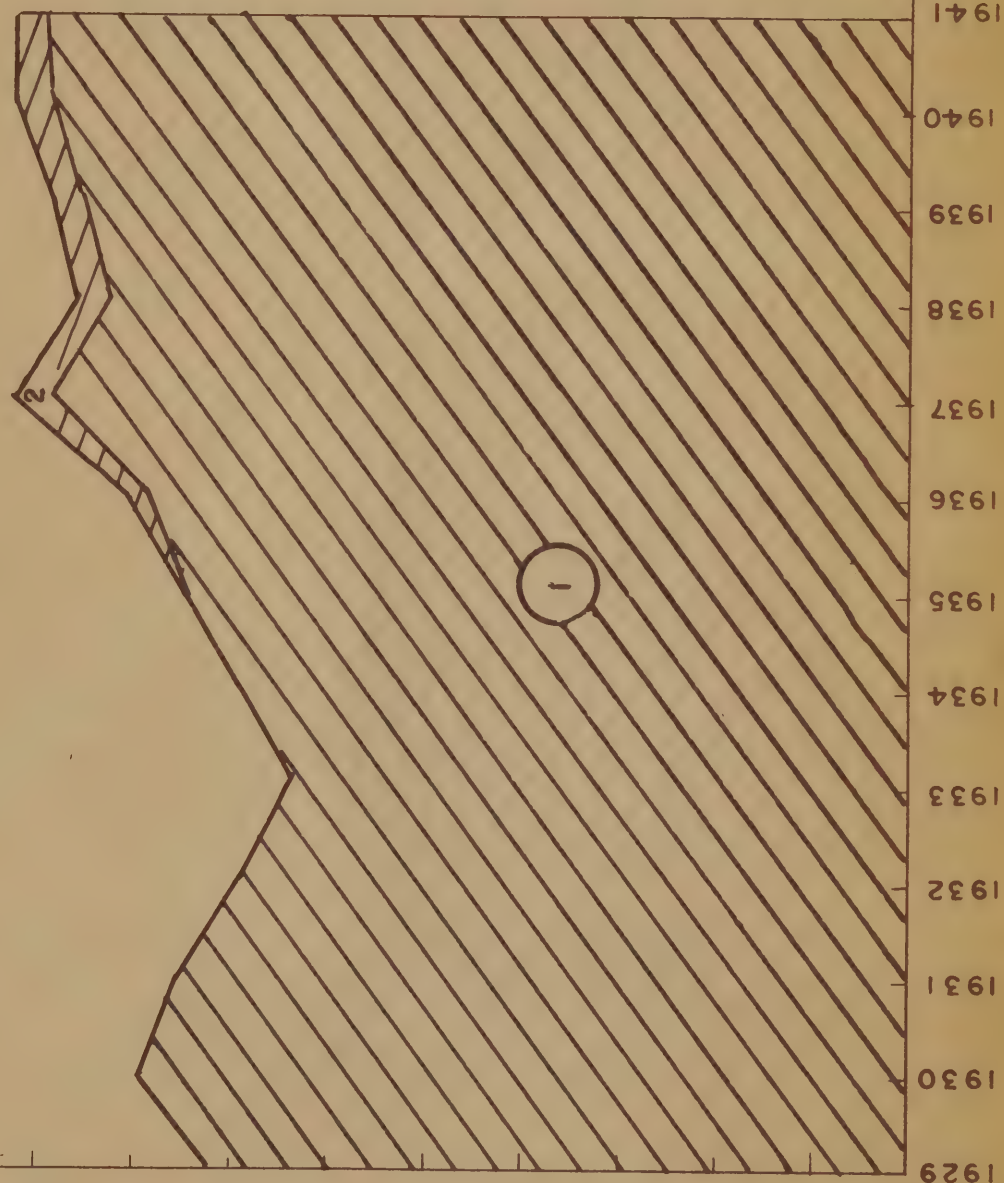
100,000

80,000

60,000

40,000

20,000

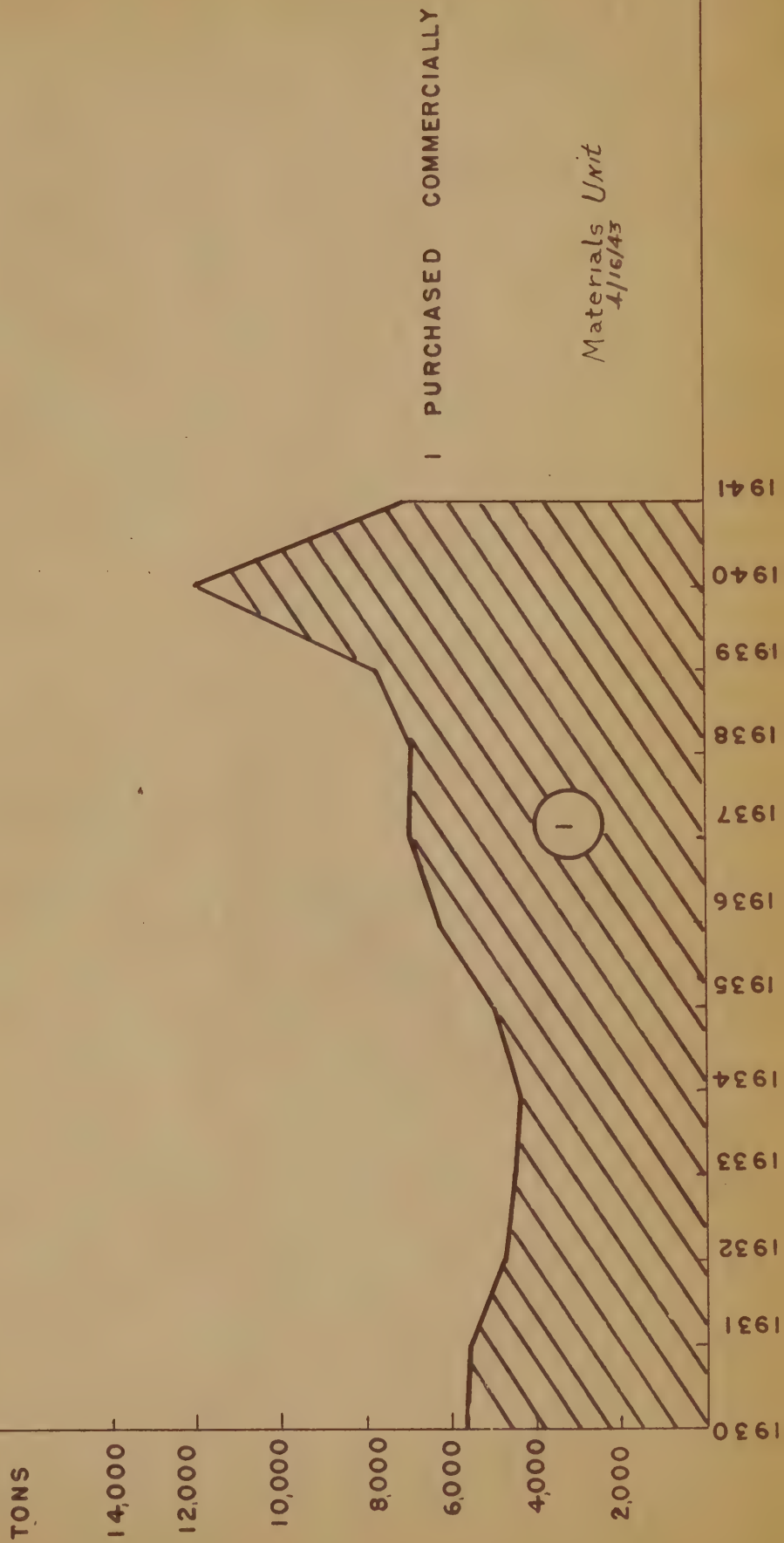


1 PURCHASED COMMERCIALLY

2 PURCHASED BY FARMERS
REIMBURSED BY AAA

Materials Unit
4/16/43

SUPERPHOSPHATE USED ANNUALLY BY NEW JERSEY



SUPERPHOSPHATE USED ANNUALLY BY FARMERS
IN

1957

| | 1957 | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 |
|-----|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| (1) | 7,500 | 8,000 | 8,500 | 9,000 | 9,500 | 10,000 | 10,500 | 11,000 | 11,500 | 12,000 | 12,500 | 13,000 | 13,500 | 14,000 |

(2) Newmont Commercially

LIME USED ANNUALLY BY PENNSYLVANIA

TONS

900,000

800,000

700,000

600,000

500,000

400,000

300,000

200,000

100,000

1929

1930

1931

1932

1933

1934

1935

1936

1937

1938

1939

1940

1941



1+2 PURCHASED BY FARMERS

2 FARMERS REIMBURSED BY AAA

3 FURNISHED BY AAA

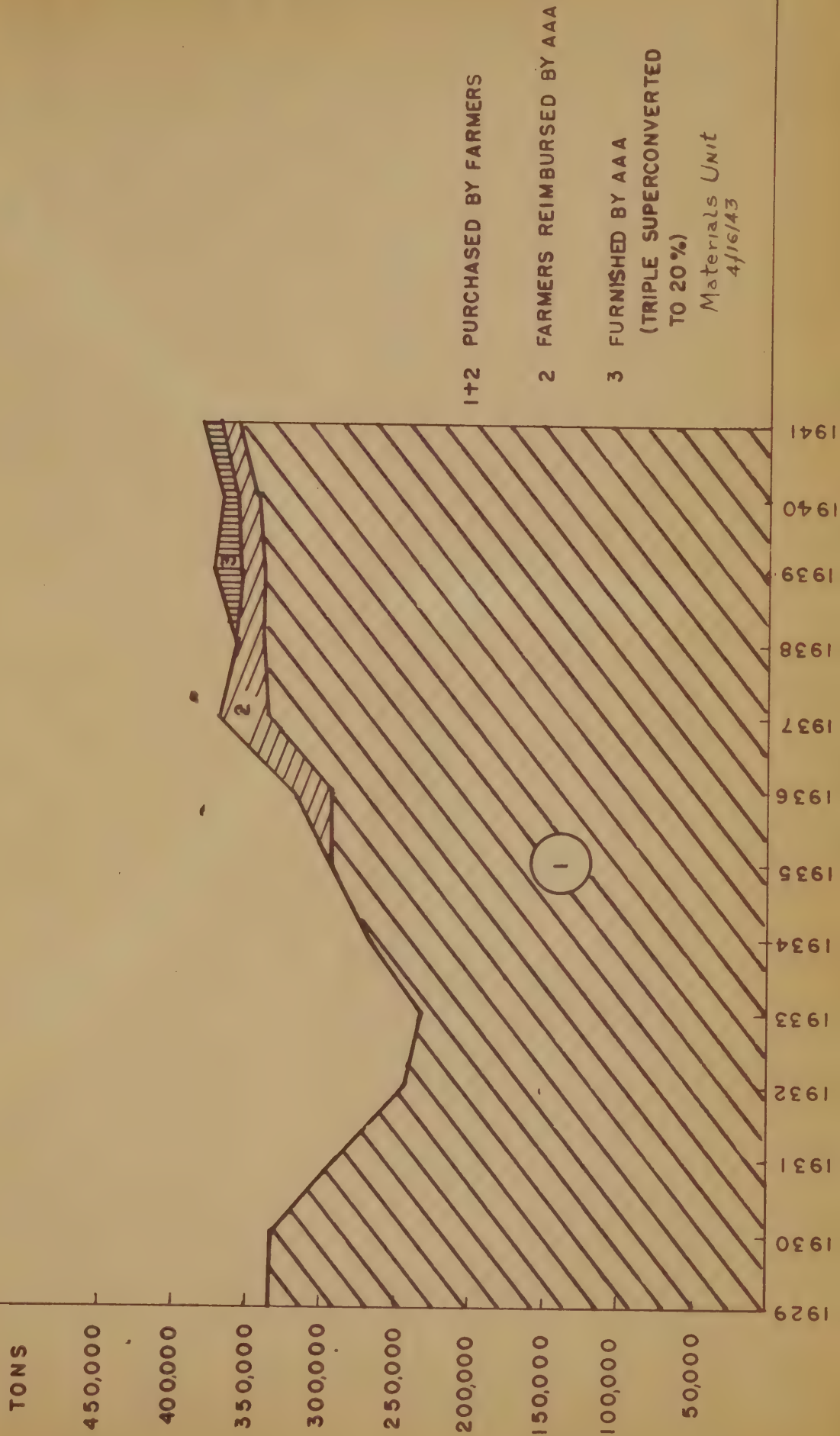
Materials Unit
4/16/43

LIME USED ANNUALLY BY PENNSYLVANIA

| | <u>1929</u> | <u>1930</u> | <u>1931</u> | <u>1932</u> | <u>1933</u> | <u>1934</u> | <u>1935</u> | <u>1936</u> | <u>1937</u> | <u>1938</u> | <u>1939</u> | <u>1940</u> | <u>1941</u> |
|-----|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------|----------------|----------------|----------------|----------------|----------------|
| (1) | 255,178 | 242,275 | 213,480 | 186,881 | 148,146 | 180,844 | 245,084 | 307,730 | 587,000 | 700,000 | 750,000 | 851,834 | 898,412 |
| (2) | | | | | | | | | | <u>2,937</u> | <u>32,793</u> | <u>121,880</u> | <u>171,563</u> |
| (3) | | | | | | | | | | 697,063 | 717,207 | 730,054 | 726,849 |
| (4) | | | | | | | | <u>188,888</u> | <u>509,356</u> | <u>661,173</u> | <u>679,459</u> | <u>691,171</u> | <u>715,471</u> |
| (5) | | | | | | | | <u>188,872</u> | <u>77,844</u> | <u>35,880</u> | <u>37,748</u> | <u>38,123</u> | <u>10,077</u> |

- (1) - Total tons of liming material used in the state
- (2) - Tons of liming material furnished by A.A.A.
- (3) - Total tons purchased by farmers
- (4) - Tons for which A.A.A. reimbursed farmers
- (5) - Tons paid for by farmers

FERTILIZER USED ANNUALLY PENNSYLVANIA

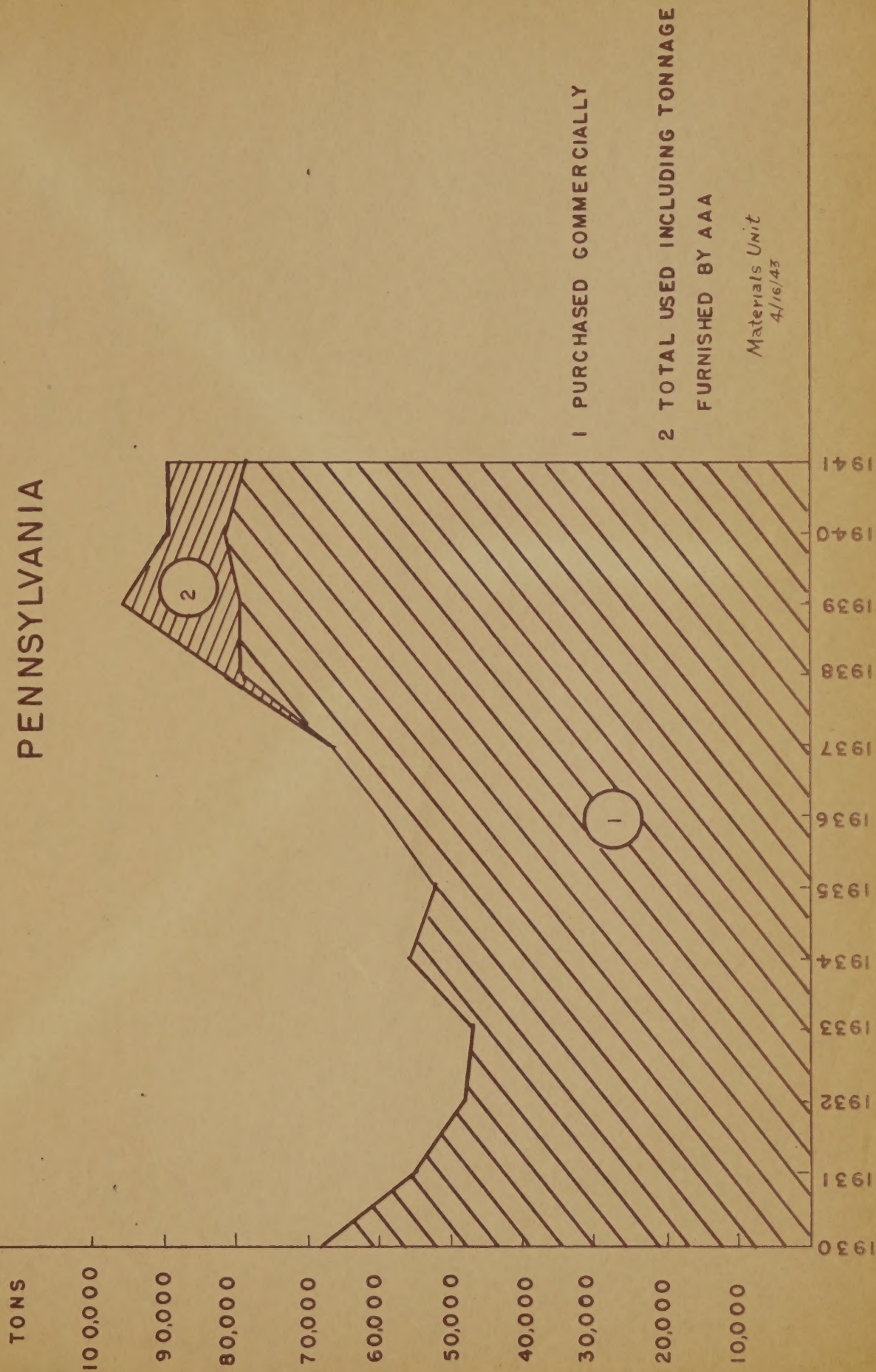


TONS FERTILIZER USED ANNUALLY BY FARMERS
IN
PENNSYLVANIA

| | 1929 | 1930 | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | 1941 |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| (1) | 522,396 | 533,715 | 287,127 | 241,865 | 231,977 | 267,987 | 295,048 | 513,530 | 570,162 | 559,015 | 373,715 | 365,537 | 365,537 |
| (2) | | | | | | | | | | 700 | 16,300 | 7,500 | 11,100 |
| (3) | | | | | | | | | | 358,315 | 357,415 | 359,037 | 370,000 |
| (4) | | | | | | | | | 19,377 | 20,024 | 14,741 | 15,618 | 13,943 |
| (5) | | | | | | | | | 298,953 | 340,136 | 343,574 | 343,797 | 345,094 |

- (1) - Total tons fertilizer used in the state
- (2) - Tons of superphosphate furnished by A.A.A. - all types converted to 20%
- (3) - Total tons purchased by farmers
- (4) - Tons for which A.A.A. reimbursed farmers
- (5) - Tons paid for by farmers

SUPERPHOSPHATE USED ANNUALLY BY PENNSYLVANIA



SUPERPHOSPHATE -- PENNSYLVANIA

| | <u>1930</u> | <u>1931</u> | <u>1932</u> | <u>1933</u> | <u>1934</u> | <u>1935</u> | <u>1936</u> | <u>1937</u> | <u>1938</u> | <u>1939</u> | <u>1940</u> | <u>1941</u> |
|-----|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| (1) | 68,160 | 55,325 | 48,029 | 47,055 | 55,844 | 52,890 | 58,172 | 66,000 | 79,472 | 79,472 | 81,742 | 78,245 |
| (2) | | | | | | | | | 80,172 | 95,772 | 89,042 | 89,444 |

(1) - Purchased commercially

(2) - Total used including tonnage furnished by A.A.A.

Materials Unit

4/8/43

